QUALIFICATIONS VALIDATED
ANNUALLY

QPL-55302-93
9 August 2000
SUPERSEDING
QPL-55302-92
16 July 1999

QUALIFIED PRODUCTS LIST

OF

PRODUCTS QUALIFIED UNDER MILITARY SPECIFICATION

MIL-C-55302

CONNECTORS, PRINTED CIRCUIT SUBASSEMBLY AND ACCESSORIES

GENERAL SPECIFICATION FOR

This list has been prepared for use by or for the Government in the acquisition of products covered by Specification MIL-C-55302. Listing of a product is not intended to and does not connote endorsement of the product by the Department of Defense. All products listed herein have been qualified under the requirements for the product as specified in the latest effective issue of the applicable specification. This list is subject to change without notice; revision or amendment of this list will be issued as necessary. The listing of a product does not release the supplier from compliance with the specification requirements.

THE ACTIVITY RESPONSIBLE FOR THIS QPL IS THE DEFENSE SUPPLY CENTER COLUMBUS (DSCC-VQ), COLUMBUS, OH 43216-5000.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
	PART I		
M55302/1-03 thru -05	615-1-17P 615-1-23P 615-1-28P	55302-1146-82 55302-568-85	Continental Connector Co.
M55302/1-03 thru -05	UPC2A17P4 UPC2A23P4 UPC2A28P4	55302-177-95	ITron Corp.
M55302/2-03 thru -05	UPC2A17R4 UPC2A23R4 UPC2A28R4	55302-177-95	ITron Corp.
M55302/2-03 thru -05	615-1-17SD16 615-1-23SD16 615-1-28SD16	55302-1146-82 55302-569-85	Continental Connector Co.
M55302/4-01 thru -06	200766-01 thru -06	55302-383-84	AbelConn, LLC
M55302/4-01 thru -06	600-1-( )P Series	55302-1063-79	Continental Connector Co.
M55302/4-02 thru -06	UPC2B17P4 UPC2B25P4 UPC2B33P4 UPC2B41P4 UPC2B77P4	55302-177-95	ITron Corp.
M55302/5-01 thru -06	ST600-1-9P1 ST600-1-17P1 ST600-1-25P1 ST600-1-33P1 ST600-1-41P1 ST600-1-77P1	55302-320-85 55302-1536-85	Continental Connector Co.
M55302/5-05	UPC2B41P16	55302-177-95	ITron Corp.

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
		PART I	
M55302/6-01 thru -06	200767-01 thru -06	55302-383-84	AbelConn, LLC
M55302/6-01 thru -06	600-1-( )SD16 Series	55302-1063-79	Continental Connector Co.
M55302/6-02 thru -06	UPC2B17R4 UPC2B25R4 UPC2B33R4 UPC2B41R4 UPC2B77R4	55302-177-95	ITron Corp.
M55302/7-05	201141-05	55302-155-93	AbelConn, LLC
M55302/7-01 thru -05	610-1-( ) P Series	55302-867-80	Continental Connector Co.
M55302/7-01 thru -05	UPC3B13P4 UPC3B25P4 UPC3B37P4 UPC3B49P4 UPC3B61P4	55302-177-95	ITron Corp.
M55302/8-05	201142-05	55302-155-93	AbelConn, LLC
M55302/8-01 thru -05	610-1-( ) SD16 Series	55302-867-80	Continental Connector Co.
M55302/8-01 thru -05	UPC3B13R4 UPC3B25R4 UPC3B37R4 UPC3B49R4 UPC3B61R4	55302-177-95	ITron Corp.
M55302/16-01 thru -21	MS145-5-( ) RP ( ) Series	55302-120-79	Continental Connector Co.
M55302/17-01 thru -63	MS145-5-( ) S ( ) Series	55302-120-79	Continental Connector Co.
M55302/18-01 thru -21	MS145-5-( ) P ( ) Series	55302-120-79	Continental Connector Co.
M55302/19-01	UPC2A41P-4	55302-177-95	ITron Corp.
M55302/20-01	UPC2A41R-4	55302-177-95	ITron Corp.
M55302/21-01 -02	610-1-92P 610-1-92P1	55302-947-82	Continental Connector Co.
M55302/21-01	UPC3B92P-4	55302-177-95	ITron Corp.
M55302/21-01 -02	HOMO92MEA5X71H HOMO92MEA2X71H	55302-94-81	IEH Corp.
M55302/21-01 -02	FHA0201-92 FHA0102-92	55302-684-83	Texas Instruments, Inc.
M55302/22-01 thru -03	610-1-92SD39 610-1-92SD16 610-1-92SD15	55302-947-82	Continental Connector Co.
M55302/22-01 -02	UPC3B92R4 UPC3B92R18	55302-177-95	ITron Corp.
M55302/22-01 M55302/22-02 M55302/22-03	HOMO92FDA6X71H UOMO92FDA6X71H HOMO92FDA8X71H UOMO92FDA8X71H HOMO92FDA2X71H UOMO92FDA2X71H	55302-94-81 55302-1045-84	IEH Corp.
M55302/22-01 -02 -03	FHC1005-92 FHC0904-92 FHC0703-92	55302-355-89	Texas Instruments, Inc.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
	PART I		
M55302/23-16	1-530785-6	55302-549-80	AMP, Inc.
-17	1-530785-5	55302-34-80	
-18	1-530785-4		
-19	1-530785-3		
-20	1-530785-2		
-21	1-530785-1		
-22	1-530785-0		
-23	530785-9		
-24	1-530785-7		
-25	530785-8		
-26	530785-7		
-27	530785-6		
-28	530785-2		
-29	530785-5		
-30	530785-4		
M55302/24-45	531142-1	55302-972-73	AMP, Inc.
-46	531129-2	55302-34-90	
-47	531143-1		
-48	531144-1		
-49	531142-2		
-50	531129-3		
-51	531143-2		
-52	531144-2		
-53	531142-3		
-54	531129-4		
-55	531143-3		
-56	531144-3		
-57	531142-4		
-58	531129-5		
-59	531143-4		
-60	531144-4		
-61	531142-5		
-62	531129-6		
-63	531143-5		
-64	531144-5		
-65	531142-6		
-66	531129-7		
-67	531143-6		
-68	531144-6		
-69	531142-7		
-70	531129-8		
-71	531143-7		
-72	531144-7		
-73	531142-8		
-74	531129-9		
-75	531143-8		
-76	531144-8		
-77	531142-9		
-78	1-531129-2		
-79	531143-9		
-80	531144-9		
-81	1-531142-0		
-82	1-531129-0		
-83	1-531143-0		
-84	1-531144-0		
-85	1-531142-1		
-86	1-531129-1		
-87	1-531143-1		
-88	1-531144-1		
M55302/25-17 thru -20	531145-1 thru 531148-1	55302-34-90	AMP, Inc.
-21 thru -24	531145-2 thru 531148-2		
-25 thru -28	531145-3 thru 531148-3		
-29 thru -32	531145-4 thru 531148-4		

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
	PART I		
M55302/26-02	583706-2	55302-549-80	AMP, Inc.
M55302/26-10 thru -22	1-530761-2	55302-549-80	AMP, Inc.
	1-530761-1	55302-34-90	
	1-530761-0		
	530761-9		
	530761-8		
	530761-4		
	530761-7		
	530761-6		
	530761-5		
	1-530761-3		
	1-530761-4		
	530761-3		
	1-530761-5		
M55302/27-91 thru -99	530340-1 thru -9	55302-701-76	AMP, Inc.
-100 thru -108	530758-1 thru -9	55302-410-80	
-109 thru -117	530776-1 thru -9	55302-34-90	
-118 thru -126	530763-1 thru -9		
-127 thru -135	530777-1 thru 530777-9		
-136 thru -144	530778-1 thru 530778-9		
-145 thru -153	530779-1 thru 530779-9		
-154 thru -162	530780-1 thru 530780-9		
-163 thru -171	530781-1 thru 530781-9		
-172 thru -180	530782-1 thru 530782-9		
-181 thru -189	530882-1 thru -9		
-190	1-530340-9		
-191 thru -193	2-530340-0 thru 2-530340-2		
-194 thru -197	1-530758-0 thru 1-530758-3		
-198 thru -201	1-530776-0 thru 1-530776-3		
-202 thru -205	1-530763-0 thru 1-530763-3		
-206 thru -209	1-530777-0 thru 1-530777-3		
-210 thru -213	1-530778-0 thru 1-530778-3		
-214 thru -217	1-530779-0 thru 1-530779-3		
-218 thru -221	1-530780-0 thru 1-530780-3		
-222 thru -225	1-530781-0 thru 1-530781-3		
-226 thru -229	1-530782-0 thru 1-530782-3		
M55302/31-06	WBKY-P	55302-166-95	AirBorn, Inc. (1)
	WBKY-R		
M55302/31-01 thru -10	583254-3	55302-549-80	AMP, Inc.
	583254-4	55302-18-89	
	530328-2	55302-34-90	
	530341-1		
	530347-1		
	530721-1		
	530938-1		
	531116-1		
	531117-1		
	530347-3		
M55302/32-01 thru -07	583218-3	55302-549-80	AMP, Inc.
	2-583812-6	55302-34-90	
	2-583812-8		
	3-583812-0		
	1-446629-4		
	1-446629-6		
	1-446629-8		

GOVERNMENT DESIGNATION	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)

PART I

M55302/55( ) ( ) ( ) ( ) 55302-319-83 55302-267-83 55302-1112-85 AirBorn, Inc.
- Standard Insertion Force 55302-446-86 55302-138-89 55302-273-89
L Low Insertion Force 55302-262-92 55302-358-92 55302-170-96

TERMINAL TYPES	NO OF CONTACTS	MOUNTING HARDWARE
A, B, C, D, E, & F	l0 thru 70	H, L, M, & S

MANUFACTURER'S SERIES: WTA(10 thru 70) ( ) ( )
SAC, SAD9, 11, & 15, SAF 3 & 6 JTB, JTL, JT, & JTA
SEC, SED9, 11, & 15, SF 3 & 6
SOC, SOD9, 11, & 15, SOF 3 & 6
WRTA(10 thru 70) ( ) ( )
SAC, SAD9, 11, & 15, SAF 3 & 6 JTB, JTL, JT, & JTA
SEC, SED9, 11, & 15, SF 3 & 6
SOC, SOD9, 11, & 15, SOF 3 & 6

M55302/55( ) ( ) ( ) ( ) 55302-1031-80 55302-689-82 55302-358-84 Continental Connector Co.
- Standard Insertion Force 55302-974-85 55302-982-86
L Low Insertion Force

TERMINAL TYPES	NO OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D, E, & F	10 thru 70	H, L, M, & S	M(10 thru 70) S( ) ( ) (,-R4)
			CM(10 thru 70) S( ) ( ) (,-R4)
			LM(10 thru 70) S( ) ( ) (,-R4)
			LCM(10 thru 70) S( ) ( ) (,-R4)

M55302/55( ) ( ) ( ) ( ) 55302-1177-86 IEH Corp.
- Standard Insertion Force
L Low Insertion Force

TERMINAL TYPES	NO OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D, E, & F	10 thru 70	H, L, M, & S	HGM (10 thru 70)
			UGM (10 thru 70)

M55302/55( ) ( ) ( ) ( ) 55302-1155-85 55302-1161-85 Texas Instruments, Inc.
- Standard Insertion Force 55302-389-89 55302-572-90
L Low Insertion Force

TERMINAL TYPES	NO OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D, E & F	10 thru 70	H, L, M, & S	FA ( ) (10 thru 70)
			FAR ( ) (10 thru 70)

TEXAS INSTRUMENTS CONTACT CODES:

TERMINAL TYPE		STANDARD OR LOW FORCE		
A	.100" CUP	03	or	53
B	.140" DIP	04	or	54
C	.172" DIP	05	or	55
D	.058" FLEX	16	or	66
E	.234" DIP	17	or	67
F	.100" FLEX	21	or	71

M55302/55-( ) ( ) ( ) 55302-1099-79 55302-836-87 55302-980-87 Winchester Electronics
- Standard Insertion Force 55302-54-90 55302-97-90 55302-2-91
L Low Insertion Force

TERMINAL TYPES	NO OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D, E & F	10 thru 70	L, M, H, & S	UMR-(10 thru 70)FF(L) ( ) ( )
			0, 2, 3, 4, 5, 6, KL, KM, KH, KS

GOVERNMENT DESIGNATION	TEST OR QUALIFICATION REFERENCE			MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
PART I				
M55302/56( ) ( )	55302-319-83	55302-267-83 55302-273-89	55302-138-89 55302-262-92	AirBorn, Inc.
TERMINAL TYPES	NO. OF CONTACTS	MANUFACTURER'S SERIES		
A, B, C, D, E, & F	10 thru 70	WTA(10 thru 70) ( ) PC, PD9 & 11, PF 3 & 6, PW40 JL WRTA(10 thru 70) ( ) PC, PD9 & 11, PF 3 & 6, PW40 JL		
M55302/56( ) ( )	55302-1031-80 55302-358-84	55302-974-85 55302-982-86		Continental Connector Co.
TERMINAL TYPES	NO. OF CONTACTS	MANUFACTURER'S SERIES		
A, B, C, D, E, & F	10 thru 70	M(10 thru 70) P( ) S25 (,-R4)		
M55302/56( ) ( )		55302-381-84		IEH Corp.
TERMINAL TYPES	NO. OF CONTACTS	MANUFACTURER'S SERIES		
A, B, C, D, E & F	10 thru 70	HGM (10 thru 70)		
M55302/56( ) ( )	55302-20-75 55302-389-89	55302-476-80 55302-572-90	55302-375-81	Texas Instruments, Inc.
TERMINAL TYPES	NO. OF CONTACTS	MANUFACTURER'S SERIES		
A, B, C, D, E, & F	10 thru 70	FB ( ) 10 thru 70 FBR ( ) 10 thru 70		
M55302/56( ) ( )	55302-1099-79 55302-54-90	55302-836-87 55302-97-90	55302-980-87	Winchester Electronics
TERMINAL TYPES	NO. OF CONTACTS	MANUFACTURER'S SERIES		
A, B, C, E, & F	10 thru 70	UMR(10 thru 70(MM 0, 2, 3, 4, 6, SL		
GOVERNMENT DESIGNATION: M55302/57-01 & -02 MANUFACTURER'S DESIGNATION: TN1680		55302-895-75		AirBorn, Inc.
GOVERNMENT DESIGNATION: M55302/57-01 MANUFACTURER'S DESIGNATION: NS256-1		55302-731-79		IEH Corp.
GOVERNMENT DESIGNATION: M55302/57-01 MANUFACTURER'S DESIGNATION: TPCSW-1		55302-32-80 55302-381-91		Packard-Hughes Interconnect
M55302/57( ) ( ) ( )	55302-319-83 55302-273-89	55302-267-83 55302-262-92	55302-138-89	AirBorn, Inc.
TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE		
A, B and C	10 thru 70	H, S, X, and Y		
MANUFACTURER'S SERIES:	WTB (10 thru 70) WRTB(10 thru 70)	PR7, PR9 JTB, JTA, SY and SY-1 PR7, PR9 JTB, JTA, SY and SY-1		
M55302/57( ) ( ) ( )	55302-1030-80	55302-974-85		Continental Connector Co.
TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES	
A, B and C	10 thru 70	H, S, X, and Y	MARP(10 thru 70) P( ) ( ) ( )	
M55302/57( ) ( ) ( )	55302-731-79	55302-135-84		IEH Corp.
TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES	
A, B and C	10 thru 70	H, S, X, and Y	HGM (10 thru 70)	
M55302/57( ) ( ) ( )	55302-32-80	55302-381-91		Packard-Hughes Interconnect
TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES	
A and B	10 thru 70	H, S, X, and Y	PCAWPO (10 thru 70) ( )	
M55302/57( ) ( ) ( )	55302-21-75 55302-134-81	55302-476-80 55302-389-89		Texas Instruments, Inc.
TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES	
A, B, and C	10 thru 70	H, S, X, and Y	FC ( ) -10 thru 70 FCR ( ) - 10 thru 70 PBAWPO (10 thru 70) ( )	

GOVERNMENT DESIGNATION	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)

PART I

M55302/57( ) ( ) ( ) 55302-316-85 55302-54-90 55302-97-90 Winchester Electronics

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES:
A, B and C	10 thru 70	H, S, X, and Y	URR(10 thru 70)FM ( ) ( ) 1, 2, 3, KH, KS, XF, YF

M55302/58( ) ( ) ( ) ( ) 55302-319-83 55302-267-83 55302-1112-85 AirBorn, Inc.
- Standard Insertion Force 55302-446-86 55302-138-89 55302-273-89
L Low Insertion Force 55302-262-92 55302-358-92 55302-170-96

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE
A, B, C, D, E, F, & H	10 thru 70	F, H, S, X, and Y

MANUFACTURER'S SERIES: WTB (10 thru 70) ( ) ( ) J, SY and SY-1
SAC, SAD9, 11 & 15, SAF3 & 6, SAW40
SEC, SED9, 11 & 15, SF3 & 6, SW40
SOC, SOD9, 11 & 15, SOF3 & 6, SOW40
WTBX (10 thru 70) ( ) ( ) JTA and JTB
SAC, SAD9, 11 & 15, SAF3 & 6, SAW40
SEC, SED9, 11 & 15 SF3 & 6, SW40
SOC, SOD9, 11 & 15, SOF3 & 6, SOW40
WRTB (10 thru 70) ( ) ( ) J, SY and SY-1
SAC, SAD9, 11 & 15, SAF3 & 6, SAW40
SEC, SED9, 11 & 15, SF3 & 6, SW40
SOC, SOD9, 11 & 15, SOF3 & 6, SOW40
WRTBX (10 thru 70) ( ) ( )
SAC, SAD9, 11 & 15, SAF3 & 6, SAW40
SEC, SED9, 11 & 15, SF3 & 6, SW40
SOC, SOD9, 11 & 15, SOF3 & 6, SOW40

M55302/58( ) ( ) ( ) ( ) 55302-1030-80 55302-689-82 55302-358-84 Continental Connector Co.
- Standard Insertion Force 55302-974-85 55302-982-86
L Low Insertion Force

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D, E, F & H	10 thru 70	F, H, S, X, and Y	MAR(10 thru 70) S( ) ( ) (,-R4)
			CMAR(10 thru 70) S( ) ( ) (,-R4)
			LMAR(10 thru 70) S( ) ( ) (,-R4)
			LCMAR(10 thru 70) S( ) ( ) (,-R4)

M55302/58( ) ( ) ( ) ( ) 55302-731-79 55302-135-84 IEH Corp.
- Standard Insertion Force
L Low Insertion Force

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D, E, F & H	10 thru 70	F, H, S, X, and Y	HGM (10 thru 70)
			UGM (10 thru 70)

M55302/58( ) ( ) ( ) ( ) 55302-32-80 55302-611-83 Packard-Hughes Interconnect
- Standard Insertion Force 55302-200-86 55302-381-91
L Low Insertion Force

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D, E, F & H	10 thru 70	F, H, S, X, and Y	PCRWS0(10 thru 70) ( )
			PBRWSO(10 thru 70) ( )

M55302/58( ) ( ) ( ) ( ) 55302-1155-85 55302-1161-85 Texas Instruments, Inc.
- Standard Insertion Force 55302-389-89 55302-572-90
L Low Insertion Force

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D, E, F & H	10 thru 70	F, H, S, X, and Y	FD ( ) -10 thru 70
			FDR ( ) -10 thru 70

TEXAS INSTRUMENTS CONTACT CODES:

TERMINAL TYPE	STANDARD	OR	LOW FORCE
A .100" CUP	03	or	53
B .140" DIP	04	or	54
C .172" DIP	05	or	55
D .625" WRAP	06	or	56
E .058" FLEX	16	or	66
F .234" DIP	17	or	67
H .100" FLEX	21	or	71

GOVERNMENT DESIGNATION	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)

PART I

M55302/58-( ) ( ) ( ) — 55302-1099-79, 55302-836-87, 55302-980-87, 55302-54-90, 55302-97-90, 55302-2-91 — Winchester Electronics

- Standard Insertion Force
L Low Insertion Force

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES:
A, B, C, E, F, H	10 thru 70	F, H, S, X, and Y	UER(10 thru 70)MF(L) 0, 2, 3, 4, 5, 6, SF, KH, KS, XF, YF

M55302/59-( ) ( ) ( ) — 55302-319-83, 55302-267-83, 55302-138-89, 55302-273-89, 55302-262-92 — AirBorn, Inc.

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, and C	90, 100 & 120	F, H, S, X, and Y	WTB (90, 100, & 120) ( ) ( ) PR7, 9 & 11 — J, JTB and JTA SY and SY-1
			WRTB (90, 100 & 120) PR7, 9, & 11 — J, JTB and JTA

M55302/59( ) ( ) ( ) ( ) — 55302-358-84, 55302-974-85 — Continental Connector Co.

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B and C	90, 100 & 120	F, H, S, X, and Y	MARP (90, 100 & 120) P( ) ( ) ( )

M55302/59( ) ( ) ( ) — 55302-799-78, 55302-793-84 — IEH Corp.

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B and C	90, 100 & 120	F, H, S, X and Y	HGM ( ) ( ) ( )

M55302/59( ) ( ) ( ) — 55302-21-7T, 55302-476-80, 55302-375-81, 55302-389-89 — Texas Instruments, Inc.

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES:
A, B, & C	90, 100 & 120	F, H, S, X, and Y	FC ( ) -90, 100 & 120 FCR ( ) -90, 100 & 120

M55302/59-( ) ( ) ( ) — 55302-980-87, 55302-192-88, 55302-54-90, 55302-97-90 — Winchester Electronics

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES:
A, B, & C	90, 100 & 120 ()()	F, H, S, X, and Y	URR(90, 100, 120)FM, 1, 2, 3, SF, KH, KS, XF, YF

M55302/60( ) ( ) ( ) ( ) — 55302-319-83, 55302-267-83, 55302-1112-85, 55302-446-86, 55302-138-89, 55302-273-89, 55302-262-92, 55302-358-92, 55302-170-96 — AirBorn, Inc.

- Standard Insertion Force
L Low Insertion Force

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE
A, B, C, D, & E	90, 100 & 120	F, H, S, X, and Y

MANUFACTURER'S SERIES:
- WTB (90, 100 & 120) ( ) ( ) J, SY and SY-1
  - SAC, SAD9, 11, 15, SAW40
  - SEC, SED9, 11, 15, SW40
  - SOC, SOD9, 11, 15, SOW40
- WTBX (90, 100 & 120) ( ) ( ) JTA and JTB
  - SAC, SAD9, 11, 15, SAW40
  - SEC, SED9, 11, 15, SW40
  - SOC, SOD9, 11, 15, SOW40
- WRTB (90, 100 & 120) ( ) ( ) JSY and SY-1
  - SAC, SAD9, 11, 15, SAW40
  - SEC, SED9, 11, 15, SW40
  - SOC, SOD9, 11, 15, SOW40
- WRTBX (90, 100, & 120) ( ) ( ) JTA and JTB
  - SAC, SAD9, 11, 15, SAW40
  - SEC, SED9, 11, 15, SW40
  - SOC, SOD9, 11, 15, SOW40

M55302/60( ) ( ) ( ) ( ) — 55302-358-84, 55302-974-85 — Continental Connector Co.

- Standard Insertion Force
L Low Insertion Force

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D, E & F	90, 100 & 120	F, H, S, X, and Y	MAR(90, 100 & 120) S( ) ( ) CMAR(90, 100 & 120) S( ) ( ) LMAR(90, 100 & 120) S( ) ( ) LCMAR(90, 100 & 120) S( ) ( )

GOVERNMENT DESIGNATION	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)

PART I

M55302/60( ) ( ) ( ) ( ) — 55302-800-78 — IEH Corp.

- Standard Insertion Force
L Low Insertion Force

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D & E	90, 100, 120	F, H, S, X and Y	HGM ( ) F ( ) UGM ( ) F ( )

M55302/60( ) ( ) ( ) ( ) — 55302-1155-85 55302-1161-85 — Texas Instruments, Inc.
- Standard Insertion Force — 55302-389-89 55302-572-90
L Low Insertion Force

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D, & E	90, 100 & 120	F, H, S, X, and Y	FD ( ) -90, 100, & 120 FDR ( ) -90, 100, & 120

TEXAS INSTRUMENTS CONTACT CODES:

TERMINAL TYPE	STANDARD OR LOW FORCE
A .100" CUP	03 or 53
B .140" DIP	04 or 54
C .172" DIP	05 or 55
D .625" WRAP	06 or 56
E .234" DIP	17 or 67

M55302/60-( ) ( ) ( ) ( ) — 55302-980-87 55302-192-88 55302-54-90 — Winchester Electronics
- Standard Insertion Force — 55302-97-90 55302-2-91
L Low Insertion Force

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES:
A, B, C & E	90, 100 & 120 ()()	F, H, S, X, and Y	UER(90, 100, 120)MF, 0, 2, 3, 4, SF, KH, KS, XF, YF

M55302/61( ) ( ) — 55302-319-83 55302-267-83 55302-138-89 — AirBorn, Inc.
55302-273-89 55302-262-92

TERMINAL TYPES	NO. OF CONTACTS	MANUFACTURER'S SERIES
A, B and C	10 thru 70	WTB (10 thru 70) ( ) J PR7, PR9 & PR11 WRTB (10 thru 70) ( ) J PR7, PR9, & PR11

M55302/61( ) ( ) — 55302-1030-80 55302-974-85 — Continental Connector Co.

TERMINAL TYPES	NO. OF CONTACTS	MANUFACTURER'S SERIES
A, B and C	10 thru 70	MARP (10 thru 70) P( ) S

M55302/61( ) ( ) — 55302-731-79 — IEH Corp.

TERMINAL TYPES	NO. OF CONTACTS	MANUFACTURER'S SERIES
A, B and C	10 thru 70	HGM (10 thru 70) ( )

M55302/61( ) ( ) — 55302-32-80 55302-381-91 — Packard-Hughes Interconnect

TERMINAL TYPES	NO. OF CONTACTS	MANUFACTURER'S SERIES
A and B	10 thru 70	PBAWPO (10 thru 70) ( ) PCAWPO (10 thru 70) ( )

M55302/61( ) ( ) — 55302-22-75 55302-467-80 — Texas Instruments, Inc.
55302-375-81 55302-389-89

TERMINAL TYPES	NO. OF CONTACTS	MANUFACTURER'S SERIES
A, B, and C	10 thru 70	FC ( ) 10 thru 70 FCR ( ) 10 thru 70

M55302/61( ) ( ) — 55302-316-85 55302-97-90 55302-54-90 — Winchester Electronics

TERMINAL TYPES	NO. OF CONTACTS	MANUFACTURER'S SERIES
A, B and C	10 thru 70	URR(10 thru 70)FM, 1, 2, 3, SF

GOVERNMENT DESIGNATION	TEST OR QUALIFICATION REFERENCE			MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
PART I				
M55302/62( ) ( ) ( ) ( )	55302-319-83	55302-267-83	55302-1112-85	AirBorn, Inc.
- Standard Insertion Force	55302-446-86	55302-138-89	55302-273-89	
L Low Insertion Force	55302-262-92	55302-358-92	55302-170-96	

TERMINAL TYPES: A, B, C, D, E & F
NO. OF CONTACTS: 10 thru 70
MOUNTING HARDWARE: H, L, M, and S
MANUFACTURER'S SERIES: WTAX (10 thru 70) ( ) ( ) JTB, JTL, JT and JTA
SAC, SAD9, 11, 15, SAF3 & 6
SEC, SED9, 11, 15, SF3 & 6
SOC, SOD9, 11, 15, SOF3 & 6
WRTAX (10 thru 70) ( ) ( ) JTB, JTL, JT and JTA
SAC, SAD9, 11, 15, SAF3 & 6
SEC, SED9, 11, 15, SF3 & 6
SOC, SOD9, 11, 15, SOF3 & 6

M55302/62( ) ( ) ( ) ( )	55302-1031-80	55302-689-82	55302-358-84	Continental Connector Co.
- Standard Insertion Force	55302-974-85	55302-982-86		
L Low Insertion Force				

TERMINAL TYPES: A, B, C, D, E & F
NO. OF CONTACTS: 10 thru 70
MOUNTING HARDWARE: H, L, M, and S
MANUFACTURER'S SERIES: MR(10 thru 70) S( ) ( ) (,-R4)
CMR(10 thru 70) S( ) ( ) (,-R4)
LMR(10 thru 70) S( ) ( ) (,-R4)
LCMR(10 thru 70) S( ) ( ) (,-R4)

M55302/62( ) ( ) ( ) ( )	55302-731-79	IEH Corp.
- Standard Insertion Force		
L Low Insertion Force		

TERMINAL TYPES: A, B, C, D, E & F
NO. OF CONTACTS: 10 thru 70
MOUNTING HARDWARE: H, L, M, & S
MANUFACTURER'S SERIES: HGM (l0 thru 70) ( )
UGM (l0 thru 70) ( )

M55302/62( ) ( ) ( ) ( )	55302-32-80	55302-611-83	Packard-Hughes Interconnect
- Standard Insertion Force	55302-200-86	55302-381-91	
L Low Insertion Force			

TERMINAL TYPES: A, B, C, D, E & F
NO. OF CONTACTS: 10 thru 70
MOUNTING HARDWARE: H, L, M, and S
MANUFACTURER'S SERIES: PBRLSO (10 thru 70) ( )
PCRLS0 (10 thru 70) ( )

M55302/62( ) ( ) ( ) ( )	55302-1155-85	55302-1161-85	Texas Instruments, Inc.
- Standard Insertion Force	55302-389-89	55302-572-90	
L Low Insertion Force			

TERMINAL TYPES: A, B, C, D, E & F
NO. OF CONTACTS: 10 thru 70
MOUNTING HARDWARE: H, L, M, & S
MANUFACTURER'S SERIES: FB ( ) -10 thru 70
FBR ( ) -10 thru 70

TEXAS INSTRUMENTS CONTACT CODES:

TERMINAL TYPE	STANDARD	OR	LOW FORCE
A .100" CUP	03	or	53
B .140" DIP	04	or	54
C .172" DIP	05	or	55
D .058" FLEX	16	or	66
E .234" DIP	17	or	67
F .100" FLEX	21	or	71

M55302/62-( ) ( ) ( )	55302-1099-79	55302-836-87	55302-980-87	Winchester Electronics
- Standard Insertion Force	55302-54-90	55302-97-90	55302-2-91	
L Low Insertion Force				

TERMINAL TYPES: A, B, C, D, E & F
NO. OF CONTACTS: 10 thru 70
MOUNTING HARDWARE: H, L, M, and S
MANUFACTURER'S SERIES: UMR(10 thru 70)MF (L), 0, 2, 3, 4, 5, 6, KH, KL, KM, KS

GOVERNMENT DESIGNATION	TEST OR QUALIFICATION REFERENCE			MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)

PART I

M55302/63( ) ( ) ( ) 55302-319-83 55302-267-83 55302-138-89 AirBorn, Inc.
55302-273-89 55302-262-92

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE
A, B, C, D, & E	10 thru 70	F, H, L, M, S, X, and Y

MANUFACTURER'S SERIES: WTA (10 thru 70) ( ) ( ) JTB, JTL, JT, and JTA
PC, PD9, 11, PF3 & 6
WTAV (10 thru 70) ( ) ( ) JL, SYL and SYL-1
PC, PD9, 11, PF3 & 6
WRTA (10 thru 70) ( ) ( ) JTB, JTL, JT, and JTA
PC, PD9, 11, PF3 & 6
WRTAV (10 thru 70) ( ) ( ) JL, SYL, and SYL-1
PC, PD9, 11, PF3 & 6

M55302/63( ) ( ) ( ) 55302-1031-80 55302-974-85 Continental Connector Co.
55302-358-84 55302-982-86

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D, & E	10 thru 70	F, H, L, M, S, X, and Y	MR(10 thru 70)P ( ) ( ) ( ) (,-R4)

M55302/63( ) ( ) ( ) 55302-1177-86 IEH Corp.

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D, & E	10 thru 70	F, H, L, M, S, X, and Y	HGM (10 thru 70)

M55302/63( ) ( ) ( ) 55302-23-75 55302-476-80 55302-134-81 Texas Instruments, Inc.
55302-375-81 55302-389-89 55302-572-90

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES:
A, B, C, D, & E	10 thru 70	F, H, L, M, S, X and Y	FA ( ) -10 thru 70 FAR ( ) -10 thru 70

M55302/63( ) ( ) ( ) 55302-1099-79 55302-836-87 55302-980-87 Winchester Electronics
55302-54-90 55302-97-90

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE
A, B, C, D & E	10 thru 70	F, H, L, M, S, X and Y

MANUFACTURER'S SERIES: UMR(10 thru 70)FM, 0, 2, 3, 5, 6, SL, KH, KL, KM, KS, X, Y

M55302/64( ) ( ) ( ) ( ) 55302-319-83 55302-267-83 55302-1112-85 AirBorn, Inc.
- Standard Insertion Force 55302-446-86 55302-138-89 55302-273-89
L Low Insertion Force 55302-262-92 55302-358-92 55302-170-96

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE
A, B, C, D, E & F	10 thru 70	F, X, and Y

MANUFACTURER'S SERIES: WTA (10 thru 70) ( ) ( ) JL
WTAX (10 thru 70) ( ) ( ) ( ) SYL, SYL-1
SAC, SAD9, 11, SAF3, 6, SAW40
SEC, SED9, 11, SF3 & 6, SW40
SOC, SOD9, 11, SOF3 & 6, SOW40

WRTA (10 thru 70) ( ) ( ) JL
WRTAX (10 thru 70) ( ) ( ) SYL, SYL-1
SAC, SAD9, 11, SAF3, & 6, SAW40
SEC, SED9, 11, SF3 & 6, SW40
SOC, SOD9, 11, SOF3 & 6, SOW40

M55302/64( ) ( ) ( ) ( ) 55302-1031-80 55302-689-82 55302-974-85 Continental Connector Co.
- Standard Insertion Force 55302-358-84 55302-982-86
L Low Insertion Force

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D, E & F	10 thru 70	F, X, and Y	MR(10 thru 70) S( ) ( ) (,-R4) CMR(10 thru 70) S( ) ( ) (,-R4) LMR(10 thru 70) S ( ) ( ) (,-R4) LCMR(10 thru 70) S ( ) ( ) (,-R4)

GOVERNMENT DESIGNATION	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)

PART I

M55302/64( ) ( ) ( ) ( ) — 55302-731-79 — IEH Corp.
- Standard Insertion Force
L Low Insertion Force

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D, E & F	10 thru 70	F, X and Y	HGM (010 thru 070) ( ) ( ) UGM (010 thru 070) ( ) ( )

M55302/64( ) ( ) ( ) ( ) — 55302-32-80, 55302-200-86 — 55302-611-83, 55302-381-91 — Packard-Hughes Interconnect
- Standard Insertion Force
L Low Insertion Force

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D, E & F	10 thru 70	F, X, and Y	PBRLSO (10 thru 70) ( ) PCRLS0 (10 thru 070 ( )

M55302/64( ) ( ) ( ) ( ) — 55302-1155-85, 55302-389-89 — 55302-1161-85, 55302-572-90 — Texas Instruments, Inc.
- Standard Insertion Force
L Low Insertion Force

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D, E & F	10 thru 70	F, X, and Y	FB ( ) -10 thru 70 FBR ( ) -10 thru 70

TEXAS INSTRUMENTS CONTACT CODES:

TERMINAL TYPE	STANDARD	OR	LOW FORCE
A .100" CUP	03	or	53
B .140" DIP	04	or	54
C .172" DIP	05	or	55
D .625" WRAP	06	or	56
E .058" FLEX	16	or	66
F .100" FLEX	21	or	71

M55302/64( ) ( ) ( ) ( ) — 55302-1099-79, 55302-54-90 — 55302-836-87, 55302-97-90 — 55302-980-87, 55302-2-91 — Winchester Electronics
- Standard Insertion Force
- Low Insertion Force

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, E & F	10 thru 70	F, X and Y	UMR(10 thru 70)MF(L), 0, 2, 3, 5, 6, SL, X, Y

M55302/65-01	WTK2222S	55302-319-83	Airborn, Inc.
-02	WTK2222SA	55302-262-92	
M55302/65-01	M-S2A22	55302-667-87	Continental Connector Co.
-02	LIM-S2A22		
M55302/65-01	E7950-G11	55302-1155-85	Texas Instruments, Inc.
-02			
M55302/65-01	310-2222-103	39029-1023-77	Tri-Star Electronics
-02	310-2222-748		

M55302/65( ) ( ) ( ) — 55302-319-83, 55302-138-89, 55302-358-92 — 55302-267-83, 55302-273-89 — 55302-1112-85, 55302-262-92 — Airborn, Inc.
- Standard Insertion Force
L Low Insertion Force

NUMBER OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
10 thru 70	F, H, S, X, and Y	WTKA (10 thru 70) (S) J, JTB, JTA, SY and SY-1 WRTKA (10 thru 70) (S) J, JTB, JTA, SY and SY-1

M55302/65( ) ( ) ( ) — 55302-667-87 — Continental Connector Co.
- Standard Insertion Force
L Low Insertion Force

NUMBER OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
10 thru 70	F, H, S, X, and Y	CMARC ( )( )-A22 LCMARC ( )( )-A22

M55302/65( ) ( ) ( ) — 55302-1155-85 — 55302-1161-85, 55302-247-93 — Texas Instruments, Inc.
- Standard Insertion Force
L Low Insertion Force

NUMBER OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
10 thru 70	F, H, S, X, and Y	FKDS (10 thru 70) ( )

NOTE: Contacts are three-piece hybrid (standard or low force).

GOVERNMENT DESIGNATION	TEST OR QUALIFICATION REFERENCE		MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
	PART I		
M55302/66( ) ( ) ( ) - Standard Insertion Force L Low Insertion Force	55302-319-83 55302-1112-85 55302-273-89 55302-358-92	55302-267-83 55302-138-89 55302-262-92	AirBorn, Inc.

NUMBER OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES	
10 thru 70	F, H, L, M, and S	WTDXA (10 thru 70) (S)	J, JTB, JTL, and JTA, JT
		WRTDXA (10 thru 70) (S)	J, JTB, JTL, and JTA, JT

M55302/66( ) ( ) ( ) - Standard Insertion Force L Low Insertion Force	55302-667-87	Continental Connector Co.

NUMBER OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
10 thru 70	F, H, L, M, and S	CMRC ( )( )-A22 (Standard Force)
		LCMRC ( )( )-A22 (Low Force)

M55302/66( ) ( ) ( ) - Standard Insertion Force L Low Insertion Force	55302-1155-85 55302-247-93	55302-1161-85	Texas Instruments, Inc.

NUMBER OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
10 thru 70	F, H, L, M, and S	FKBS (10 thru 70)

NOTE: Contacts are three-piece hybrid (standard or low force).

M55302/67-01 and -02	10-398077-1 and -2	55302-910-75	Amphenol Products/Amphenol Connector
M55302/68-01 and -02	10-398078-1 and -2	55302-910-75	Amphenol Products/Amphenol Connector
M55302/69-01 and -02	10-398079-1 and -2	55302-910-75	Amphenol Products/Amphenol Connector
M55302/70-01 and -02	10-398080-1 and -2	55302-910-75	Amphenol Products/Amphenol Connector
M55302/71-01 and -02	10-398081-1 and -2	55302-910-75	Amphenol Products/Amphenol Connector
M55302/72-01 and -02	10-398082-1( ) ( ) 10-398082-2( ) ( )	55302-910-75	Amphenol Products/Amphenol Connector
M55302/73-01 and -02	10-398083-1( ) ( ) 10-398083-2( ) ( )	55302-910-75	Amphenol Products/Amphenol Connector
M55302/74-01 thru -04	10-398084-1 thru -4	55302-910-75	Amphenol Products/Amphenol Connector
M55302/75-01 and -02	10-398085-1 and -2	55302-910-75	Amphenol Products/Amphenol Connector
M55302/76-01 and -02	10-398086-1 and -2	55302-910-75	Amphenol Products/Amphenol Connector
M55302/77-01 and -02	10-398087-1 and -2	55302-910-75	Amphenol Products/Amphenol Connector
M55302/78-01 thru -04	10-285389-1 10-185422-2 10-285448-1 10-398096-1	55302-910-75	Amphenol Products/Amphenol Connector
M55302/110-10 thru -18 -19 thru -27 -28 thru -31 -32 thru -35	531721-1 thru 531721-9 531722-1 thru 531722-9 1-531721-0 thru 1-531721-3 1-531722-0 thru 1-531722-3	55302-701-76 55302-1624-86	AMP, Inc.
M55302/111-01 thru -05	UPC3B13RD4 UPC3B25RD4 UPC3B37RD4 UPC3B49RD4 UPC3B61RD4	55302-177-95	ITron Corp.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
	PART I		
M55302/113-01 thru -04	530755-1 thru 530755-4	55302-1017-78	AMP, Inc.
-05	530750-5		
-06	530750-4		
-07 thru -10	530752-1 thru 530752-4		
-11	530754-2		
-12	530754-1		
-13	531141-4		
-14	531141-3		
-15	530753-4		
-16	530753-6		
-17	530753-8		
-18	1-530753-0		
-19	530753-2		
-20	1-530753-2		
-21	1-530753-4		
-22	1-530753-6		
-23	1-530753-8		
-24	530755-9		
-25 thru -27	1-530755-0 thru 1-530755-2		
-28 thru -31	530752-5 thru 530752-8		
-32 thru -35	1-530755-3 thru 1-530755-6		
-36	530752-9		
-37 thru -39	1-530752-0 thru 1-530752-2		
-40 thru -42	1-530755-7 thru 1-530755-9		
-43	2-530755-0		
-44 thru -47	1-530752-3 thru 1-530752-6		
-48 thru -51	2-530755-1 thru 2-530755-4		
-52 thru -54	1-530752-7 thru 1-530752-9		
-55	2-530752-0		
-56 thru -59	2-530755-5 thru 2-530755-8		
-60	2-530752-1		
-61 thru -63	2-530752-2 thru 2-530752-4		
-64	2-530755-9		
-65 thru -67	3-530755-0 thru 3-530755-2		
-68 thru -71	2-530752-5 thru 2-530752-8		
-72 thru -75	3-530755-3 thru 3-530755-6		
-76	2-530752-9		
-77 thru -79	3-530752-0 thru 3-530752-2		
-80 thru -83	530755-5 thru 530755-8		
-84 thru -87	3-530752-3 thru 3-530752-6		
-88	530884-1		
-89	530884-2		
-90 thru -97	530885-1 thru 530885-8		
-98 thru -105	530886-1 thru 530886-8		
M55302/117-01 thru -08	1-530743-2 thru -9	55302-664-77	AMP, Inc.
-09 thru -11	2-530743-0 thru -2	55302-101-89	
		44302-340-92	
M55302/117-01	WB20PR8	55302-166-95	Airborn, Inc.
-02	WB30PR8		
-03	WB40PR8		
-04	WB50PR8		
-05	WB60PR8		
-06	WB70PR8		
-07	WB80PR8		
-08	WB90PR8		
-09	WB100PR8		
-10	WB110PR8		
-11	WB128PR8		

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
	PART I		
M55302/118-01 thru -08	1-530744-2 thru -9	55302-664-77	AMP, Inc.
-09 thru -11	2-530744-0 thru -2	55302-101-89	
-12 thru -19	1-531803-2 thru -9	55302-340-92	
-20 thru -22	2-531803-0 thru -2		
M55302/118-01	WBB20PMT	55302-166-95	Airborn, Inc.
-02	WBB30PMT		
-03	WBB40PMT		
-04	WBB50PMT		
-05	WBB60PMT		
-06	WBB70PMT		
-07	WBB80PMT		
-08	WBB90PMT		
-09	WBB100PMT		
-10	WBB110PMT		
-11	WBB128PMT		
-12	WBA20PMT		
-13	WBA30PMT		
-14	WBA40PMT		
-15	WBA50PMT		
-16	WBA60PMT		
-17	WBA70PMT		
-18	WBA80PMT		
-19	WBA90PMT		
-20	WBA100PMT		
-21	WBA110PMT		
-22	WBA128PMT		
M55302/119-01	530745-1, 1-530745-2	55302-664-77	AMP, Inc.
-02	530745-2, 1-530745-3	55302-101-89	
-03	530745-3, 1-530745-4	55302-340-92	
-04	530745-4, 1-530745-5		
-05	530745-5, 1-530745-6		
-06	530745-6, 1-530745-7		
-07	530745-7, 1-530745-8		
-08	530745-8, 1-530745-9		
-09	530745-9, 2-530745-0		
-10	1-530745-0, 2-530745-1		
-11	1-530745-1, 2-530745-2		
-12	530747-2, 530747-5		
-13	530747-3, 530747-6		
-14	530747-1, 530747-4		
M55302/119-01	WB20SD9/12	55302-166-95	Airborn, Inc.
-02	WB30SD9/12		
-03	WB40SD9/12		
-04	WB50SD9/12		
-05	WB60SD9/12		
-06	WB70SD9/12		
-07	WB80SD9/12		
-08	WB90SD9/12		
-09	WB100SD9/12		
-10	WB110SD9/12		
-11	WB128SD9/12		
-12	WB100SD19		
-13	WB110SD19		
-14	WB128SD12		
M55302/120-01	095-0087-7113	55302-1209-87	Microdot Connectors
M55302/121-01	095-0088-7108	55302-1209-87	Microdot Connectors
M55302/122-01	095-0087-8008	55302-1209-87	Microdot Connectors
M55302/123-01	095-0088-8004	55302-1209-87	Microdot Connectors
M55302/124-01	096-0002-0096	55302-1209-87	Microdot Connectors
-02	096-0002-0097		

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
	PART I		
M55302/125-01	530725-3	55302-897-78	AMP, Inc.
M55302/126-01	530726-3	55302-897-78	AMP, Inc.
M55302/127-021B thru -651B	87968-1 thru 6-87968-4	55302-646-80	AMP, Inc.
M55302/127-022B thru -652B	87971-1 thru 6-87971-4		
M55302/127-023B thru -653B	102275-1 thru 6-102275-5		
M55302/127-OOKY	102188-1	55302-646-80	AMP, Inc.
M55302/127-021A thru -651A	200868-02 thru -65	55302-85-89	AbelConn, LLC
	200970-02 thru -65		
M55302/127-022A thru -652A	200869-02 thru -65		
	200970-02 thru -65		
M55302/127-023A thru -653A	200870-02 thru -65		
	200972-02 thru -65		
M55302/127-021B thru -651B	200871-02 thru -65	55302-85-89	AbelConn, LLC
	200973-02 thru -65		
M55302/127-022B thru -652B	200872-02 thru -65		
	200974-02 thru -65		
M55302/127-023B thru -653B	200873-02 thru -65		
	200975-02 thru -65		
M55302/127-021C thru -651C	201200-02 thru -65	55302-85-89	AbelConn, LLC
M55302/127-022C thru -652C	201201-02 thru -65		
M55302/127-023C thru -653C	201202-02 thru -65		
M55302-127-021B thru -651B	5-104-02-A-MIL thru	55302-29-88	Cristek Interconnects, Inc.
	5-104-65-A-MIL		
M55302-127-021B thru -651B	5-104-02-A-MIL thru		
	5-104-65-A-MIL		
M55302/128-AA1A thru -DR1D	87961-1 thru 6-87965-9	55302-646-80	AMP, Inc.
M55302/128-AA1E thru -DR1E	102277-1 thru 6-102277-4		
M55302/128-AA1F thru -DR1F	102278-1 thru 6-102278-4		
M55302/128-AK2A	102192-5	55302-646-80	AMP, Inc.
-AM2A	102192-6		
-BH2A	102192-8		
-BK2A	102192-3		
-BM2A	102192-2		
-BN2A	102192-4		
-CG2A	102192-9		
-CJ2A	102192-1		
-DA2A	1-102192-0		
-DB2A	102192-7		
-DL2A	1-102192-1		
M55302/128-AK2B	102193-5	55302-646-80	AMP, Inc.
-AM2B	102193-6		
-BH2B	102193-8		
-BK2B	102193-3		
-BM2B	102193-2		
-BN2B	102193-4		
-CG2B	102193-9		
-CJ2B	102193-1		
-DA2B	1-102193-0		
-DB2B	102193-7		
-DL2B	1-102193-1		
M55302/128-AK2C	102195-5	55302-646-80	AMP, Inc.
-AM2C	102195-6		
-BH2C	102195-8		
-BK2C	102195-3		
-BM2C	102195-2		
-BN2C	102195-4		
-CG2C	102195-9		
-CJ2C	102195-1		
-DA2C	1-102195-0		
-DB2C	102195-7		
-DL2C	1-102195-1		

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
	PART I		
M55302/128-AK2D	102196-5	55302-646-80	AMP, Inc.
-AM2D	102196-6		
-BH2D	102196-8		
-BK2D	102196-3		
-BM2D	102196-2		
-BN2D	102196-4		
-CG2D	102196-9		
-CJ2D	102196-1		
-DA2D	1-102196-0		
-DB2D	102196-7		
-DL2D	1-102196-1		
M55302/128-AK2E	102281-5	55302-646-80	AMP, Inc.
-AM2E	102281-6		
-BH2E	102281-8		
-BK2E	102281-3		
-BM2E	102281-2		
-BN2E	102281-4		
-CG2E	102281-9		
-CJ2E	102281-1		
-DA2E	1-102281-0		
-DB2E	102281-7		
-DL2E	1-102281-1		
M55302/128-AK2F	102282-5	55302-646-80	AMP, Inc.
-AM2F	102282-6		
-BH2F	102282-8		
-BK2F	102282-3		
-BM2F	102282-2		
-BN2F	102282-4		
-CG2F	102282-9		
-CJ2F	102282-1		
-DA2F	1-102282-0		
-DB2F	102282-7		
-DL2F	1-102282-1		
M55302/128AA1A thru DR1A	200874-02 thru -65 200976-02 thru -65	55302-85-89	AbelConn, LLC
M55302/128AA1B thru DR1B	200877-02 thru -65 200979-02 thru -65	55302-85-89	AbelConn, LLC
M55302/128AA1C thru DR1C	200875-02 thru -65 200977-02 thru -65	55302-85-89	AbelConn, LLC
M55302/128AA1D thru DR1D	200878-02 thru -65 200980-02 thru -65	55302-85-89	AbelConn, LLC
M55302/128AA1E thru DR1E	200876-02 thru -65 200978-02 thru -65	55302-85-89	AbelConn, LLC
M55302/128AA1F thru DR1F	200879-02 thru -65 200981-02 thru -65	55302-85-89	AbelConn, LLC
M55302/128AA1G thru DR1G	201203-02 thru -65	55302-85-89	AbelConn, LLC
M55302/128AA1H thru DR1H	201204-02 thru -65	55302-85-89	AbelConn, LLC
M55302/128AA1I thru DR1I	201205-02 thru -65	55302-85-89	AbelConn, LLC
M55302/128AA1A thru AR1A	53-101-04-A-MIL thru -34-A-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128AA1B thru AR1B	55-101-04-A-MIL thru -34-A-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128AA1C thru AR1C	53-101-04-C-MIL thru -34-C-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128AA1D thru AR1D	55-101-04-C-MIL thru -34-C-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128AA1E thru AR1E	53-101-04-B-MIL thru -34-B-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128AA1F thru AR1F	53-101-04-B-MIL thru -34-B-MIL	55302-29-88	Cristek Interconnects, Inc.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
	PART I		
M55302/128AA1G thru DR1G	SD-101-04-A-MIL thru -130-A-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128AA1H thru DR1H	SD-101-04-C-MIL thru -130-C-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128AA1I thru DR1I	SD-101-04-B-MIL thru -130-B-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128AA2A thru DR2A	53-122-04-A-MIL thru -130-A-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128AA2B thru DR2B	55-122-04-A-MIL thru -130-A-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128AA2C thru DR2C	53-122-04-C-MIL thru -130-C-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128AA2D thru DR2D	55-122-04-C-MIL thru -130-C-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128AA2E thru DR2E	53-122-04-B-MIL thru -130-B-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128AA2F thru DR2F	55-122-04-B-MIL thru -130-B-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128AA3A thru DR3A	53-123-04-A-MIL thru -130-A-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128AA3B thru DR3B	55-123-04-A-MIL thru -130-A-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128AA3C thru DR3C	53-123-04-C-MIL thru -130-C-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128AA3D thru DR3D	55-123-04-C-MIL thru -130-C-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128AA3E thru DR3E	53-123-04-B-MIL thru -130-B-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128AA3F thru DR3F	55-123-04-B-MIL thru -130-B-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128BA1A thru BR1A	53-101-36-A-MIL thru -66-A-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128BA1B thru BR1B	55-101-36-A-MIL thru -66-A-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128BA1C thru BR1C	53-101-36-C-MIL thru -66-C-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128BA1D thru BR1D	55-101-36-C-MIL thru -66-C-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128BA1E thru BR1E	53-101-36-B-MIL thru -66-B-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128BA1F thru BR1F	55-101-36-B-MIL thru -66-B-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128CA1A thru CR1A	53-101-68-A-MIL thru -98-A-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128CA1B thru CR1B	55-101-68-A-MIL thru -98-A-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128CA1C thru CR1C	53-101-68-C-MIL thru -98-C-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128CA1D thru CR1D	55-101-68-C-MIL thru -98-C-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128CA1E thru CR1E	53-101-68-B-MIL thru -98-B-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128CA1F thru CR1F	55-101-68-B-MIL thru -98-B-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128DA1A thru DR1A	53-101-100-A-MIL thru -130-A-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128DA1B thru DR1B	55-101-100-A-MIL thru -130-A-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128DA1C thru DR1C	53-101-100-C-MIL thru -130-C-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128DA1D thru DR1D	55-101-100-C-MIL thru -130-C-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128DA1E thru DR1E	53-101-100-B-MIL thru -130-B-MIL	55302-29-88	Cristek Interconnects, Inc.
M55302/128DA1F thru DR1F	55-101-100-B-MIL thru -130-B-MIL	55302-29-88	Cristek Interconnects, Inc.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
	PART I		
M55302/129-1 thru -8	M55302/129-01 thru -08	55302-735-80	AMP, Inc.
-9 thru -11	M55302/129-09 thru -11		
-12	1-531133-2, 446852-9		
-13 thru -15	531133-4 thru 531133-6, 446852-4 thru -6		
-16	1-531133-3, 1-446852-0		
-17	531133-7, 446852-7		
-18	531133-8, 446852-8		
M55302/130-1 thru -9	M55302/130-01 thru -09	55302-735-80	AMP, Inc.
-10 thru -16	1-447208-0 thru 1-447208-6		
-17 thru -19	531134-1, 446853-1, 447193-1, 447192-1		
-20 thru -22	531134-2, 446853-2, 447193-2, 447192-2		
-23 thru -25	531134-3, 446853-3, 447193-3, 447192-3		
-26 thru -28	1-531134-3, 446853-9, 447193-9, 447192-9		
-29 thru -31	531134-4, 446853-4, 447193-4, 447192-4		
-29 thru -31	531134-4, 446853-4, 447193-4, 447192-4		
-32 thru -34	531134-5, 446853-5, 447193-5, 447192-5		
-35 thru -37	531134-6, 446853-6, 447193-6, 447192-6		
-38 thru -40	1-531134-3, 1-446853-0, 1-447193-0, 1-447192-0		
-41 thru -43	531134-7, 446853-7, 447193-7, 447192-7		
-44 thru -46	531134-8, 446853-8, 447193-8, 447192-8		
M55302/131-01	10 8457 096 002 913	55302-006-97	Elco Europe GmbH
-02	10 8457 096 002 914		
M55302/131-01	913850	55302-1070-87	ERNI Components, Inc.
-02	913851		
M55302/132-01	20 8457 096 002 908	55302-006-97	Elco Europe GmbH
-02	20 8457 096 005 902		
-03	20 8457 096 006 900		
-04	20 8457 096 002 910		
-05	20 8457 096 005 902		
-06	20 8457 096 006 901		
M55302/132-01 thru -06	913852 thru 913857	55302-1070-87	ERNI Components, Inc.
M55302/133-01	10 8457 064 002 901	55302-006-97	Elco Europe GmbH
-02	10 8457 064 002 902		
-03	10 8457 064 002 903		
M55302/133-01 thru -03	913858 thru 913860	55302-1070-87	ERNI Components, Inc.
M55302/134-01	20 8457 064 002 902	55302-006-97	Elco Europe GmbH
-02	20 8457 064 005 901		
-04	20 8457 064 002 903		
-05	20 8457 064 005 902		
-07	20 8457 064 002 904		
-08	20 8457 064 005 903		
M55302/134-01 thru -09	913861 thru 913869	55302-1070-87	ERNI Components, Inc.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)

PART I

M55302/138( ) ( )

55302-170-96 55302-319-83 55302-267-83 AirBorn, Inc.
55302-138-89 55302-262-92 55302-170-96

TERMINAL TYPES	NO OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES:
A, B, and C	160	X, Y, F, S and H	WG160 ( ) ( ) SY, SY-1, J, JTA and JTB PR7, PR9, and PR11 WRG160 ( ) ( ) SY, SY-1, J, JTA and JTB PR7, PR9, and PR11

M55302/138 ( ) ( ) ( ) 603 (MdD) 55302-471-88 CONNEI SpA

MANUFACTURER'S DESIGNATION: CS C160PM**00H A, B, C, F, H, S, X, & Y

TERMINAL TYPES	NO OF CONTACTS	MOUNTING HARDWARE
A, B, and C	160	F, H, S, X and Y

M55302/138 ( ) 160 ( ) 55302-982-86 Continental Connector Co.

TERMINAL TYPES	NO OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, and C	160	F, H, S, X and Y	3MARP160P( )( )

M55302/138 ( ) ( ) ( ) 55302-65-81 55302-794-84 IEH Corp.

TERMINAL TYPES	NO OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C	160	F, H, S, X, Y	HGM160MEA ( ) ( )

M55302/138 ( ) 160 ( ) 55302-376-81 Texas Instruments, Inc.

TERMINAL TYPES	NO OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B and C	160	F, H, S, X, and Y	FL ( ) - 160 FLR ( ) -160

M55302/139( ) ( ) 55302-319-83 55302-267-83 AirBorn, Inc.
55302-1112-85 55302-446-86
55302-138-89 55302-262-92
55302-358-92

TERMINAL TYPES	NO OF CONTACTS	MOUNTING HARDWARE
A, B, C, D, E, F, H	160	X, Y, F, S, and H

MANUFACTURER'S SERIES:
WG160 ( ) ( ) and WRG160 ( ) ( )
SAC, SAD7, SAD9, SAW40 SY, SY-1 and J
SAD11, SAF3 and SAF6
SOD11, SOF3 and SOF6
WGX160 ( ) ( ) and WRGX160( ) ( )
SAC, SAD7, SAD9, SAW40 JTA and JTB
SAD11, SAF3 and SAF6
SOD11, SOF3 and SOF6
WG160 ( ) ( )A52 and WRG160( ) ( ) A52
SAC, SAD7, SAD9, SAW40 SY, SY-1 and J
SAD11, SAF3, and SAF6
SOD11, SOF3 and SOF6
WGX160 ( ) ( ) A52 and WRGX160( ) ( ) A52
SAC, SAD7, SAD9, SAW40 JTA and JTB
SAD11, SAF3 and SAF6
SOD11, SOF3 and SOF6

M55302/139 ( ) ( ) ( ) 604 (MdD) 55302-472-88 CONNEI SpA

MANUFACTURER'S DESIGNATION: CS C160EF**00H A, B, C, D, E, F, H, S, X, & Y

TERMINAL TYPES	NO OF CONTACTS	MOUNTING HARDWARE
A, B, C, D, E, F & H	160	F, H, S, X and Y

M55302/139 ( ) 160 ( ) 55302-983-86 Continental Connector Co.

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D, E, F and H	160	F, H, S, X and Y	LC3MAR160S( )( )

M55302/139( ) ( ) ( ) 55302-65-81 IEH Corp.

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D, E, F and H	160	F, H, S, X and Y	HGM160FBA ( ) UGM160FBA ( )

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)

PART I

M55302/139( ) 160( ) 55302-572-90 55302-1155-85 55302-1161-85 Texas Instruments, Inc.

TERMINAL TYPES	NO.OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D, E, F, and H	160	F, H, S, X, and Y	FM ( ) - 160
			FMR ( ) -160

TEXAS INSTRUMENTS CONTACT CODES:

TERMINAL TYPE	STANDARD FORCE	LOW FORCE
A .100" CUP	NONE--LOW FORCE ONLY	53
B .109" DIP		62
C .140" DIP		54
D .625" WRAP		56
E .172" DIP		55
F .058" FLEX		66
H .100" FLEX		71

M55302/140A4N1A	801-M17-FIX-MG-A	55302-212-88	The McMurdo Instrument Co., Ltd.
/140B4N1A	801-M29-FIX-MG-A		
/140C4N1A	801-M33-FIX-MG-A		
/140C600	801-M33-FIX-W-MG-XX		
/140D4N1A	801-M41-FIX-MG-AC		
/140E4N1A	801-M53-FIX-MG-A		
/140F4N1A	801-M65-FIX-MG-A		
M55302/141A4N1A	801-M72-FIX-MG-A	55302-212-88	The McMurdo Instrument Co., Ltd.
/141B4N1A	801-M84-FIX-MG-A		
/141C4N1A	801-M96-FIX-Z-MG-A		
/142A4N1J	801-F17-FREE-ZFO-MG-J		
/142B4N1J	801-F29-FREE-ZFO-MG-J		
/142C4N1J	801-F33-FREE-ZFO-MG-J		
/142C600	801-F33-FREE-WFO-MG-XX		
/142D4N1J	801-F41-FREE-ZFO-MG-J		
/142E4N1J	801-F53-FREE-ZFO-MG-J		
/142F4N1J	801-F65-FREE-ZFO-MG-J		
/143A4N1J	801-F72-FREE-ZFO-MG-J		
/143B4N1J	801-F84-FREE-ZFO-MG-J		
/143C4N1A	801-F84-FREE-ZFO-MG-J		
/144A4A2A	801CX-M5+3-FIX-Z-MG-CA-3M2		
/145A4N1A	801CX-M17+3-FIX-Z-MG-CA-3M2		
/145C4N1A	801CX-M5+6-FIX-Z-MG-CA-3M2		
/145E4A2A	801CX-M0+7-FIX-Z-MG-CA-7M2		
/145A1E00	801CX-M17+3-FIX-YM-MG-XX-3M3		
/145A2F00	801CX-M17+3-FIX-DM-MG-XX-3CM		
/145A3G00	801CX-M17+3-FIX-Y-MG-XX-3M1		
/145A4H00	801CX-M17+3-FIX-Z-MG-XX-3MH1		
/145A0J00	801CX-M0+7-FIX-XX-XX-XX-7MH3		
/145A0K00	801CX-M0+7-FIX-XX-XX-XX-7MH2		
/146A4A2A	801CX-M5+3-FIX-MG-CA-3M2		
/146C4A2A	801CX-M17+6-FIX-MG-CA-3M2		
/147A4A2A	801CX-M41+3-FIX-MG-CA-3M2		
/147C4A2A	801CX-M29+6-FIX-MG-CA-3M2		
/148A4A2A	801CX-M53+3-FIX-MG-CA-3M2		
/149A4A2J	801CX-F5+3-FREE-ZFO-MG-CJ-3F2		
/150A4A2J	801CX-F17+3-FREE-ZFO-MG-CJ-3F2		
/150C4A2J	801CX-F5+6-FREE-ZFO-MG-CJ-6F2		
/150E4A2J	801CX-F0+7-FREE-ZFO-MG-CJ-7F2		
/150A1E00	801CX-F17+3-FREE-YF-MG-XX-3F3		
/150A2F00	801CX-F17+3-FREE-DRMO-MG-XX-3CF		
/150A3G00	801CX-F17+3-FREE-YBMO-MG-XX-3F1		
/150A4H00	801CX-F17+3-FREE-ZFO-MG-XX-3HH1		
/150E0J00	801CX-F0+7-FREE-XX-XX-XX-7FH3		
/150E0K00	801CX-F0+7-FREE-XX-XX-XX-7FH2		
/151A4A2J	801CX-F29+3-FIX-ZF0-MG-CJ-3F2		
/151C4A2J	801CX-F17+6-FIX-ZF0-MG-CJ-6F2		
/152A4A2J	801CX-F41+3-FREE-ZF0-MG-CJ-3F2		
/152C4A2J	801CX-F29+6-FREE-ZF0-MG-CJ-6F2		
/152E4N1J	801-F53-FREE-ZF0-MG-J		
/153A4A2J	801CX-F53+3-FREE-ZF0-MG-CJ-3F2		
/153C4A2J	801CX-F41+6-FREE-ZF0-MG-CJ-6F2		
M55302/154-( ) ( )		55302-212-88	The McMurdo Instrument Co., Ltd.

Hardware Style	Application Code
1, 2	A thru H, J thru N, Q, R, T, U, V

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
	PART I		
M55302/156-01 thru -09 -10 thru -15 -16 thru -24 -25 thru -30	531719-1 thru -9 1-531719-0 thru -5 531720-1 thru -9 1-531720-0 thru 1-531720-5	55302-317-87	AMP, Inc.
M55302/157-01 -02 -03 -04	10 8477 096 006 901 10 8477 096 002 902 10 8477 096 006 903 10 8477 096 002 904	55302-006-97	Elco Europe GmbH
M55302/157-01 thru -08	913870 thru 913877	55302-1070-87	ERNI Components, Inc.
M55302/158-01 -02	20 8477 096 002 901 20 8477 096 002 902	55302-006-97	Elco Europe GmbH
M55302/158-01 -02	913878 913879	55302-1070-87	ERNI Components, Inc.
D55302/159 ( ) ( ) ( ) TERMINAL TYPES: A, C, D, E, H, K, L, M, R, S, and Y NO OF CONTACTS: 17, 29, 41, 53, 65 GUIDE HARDWARE NO.: P, U, W, B, T, V, J, G, F, X, Z		55302-50-93 MANUFACTURER'S SERIES CHB(a) (b) (c) (d) (e) a. No. of Contacts - 017, 029, 041, 053, 065 b. Connector type - Receptacle c. Contact - Male(M), Female(F) d. Terminal Style - C, H, L, R, S, Y e. Guide type - A10, A11, A13, A14, A21, A23, A24, V01, V02, V03, V04, V07, V07, V08, V15	CONNEI SpA
D55302/159 ( ) ( ) ( ) TERMINAL TYPES: A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R, S, T, U, V, W, Y NO OF CONTACTS: 17, 29, 41, 53, 65 55302-282-84 GUIDE HARDWARE NO.: B, F, G, J, P, T, U, V, W, X, Z 55302-163-83		55302-335-89 MANUFACTURER'S SERIES HPD, KA (a)/127 (b) (c) (d) (e) (f) a. No. of Contacts - 17, 29, 41, 53, 65 b. Locking Hardware - V1, V2, V4, V7, V15 c. Contact - Male, Female d. Terminal Style - B, C, D, H2, K, P, R, S, Y, Z e. Mounting Style - 11, 13, 21, 23 f. Plating - M TH & TAH (Std. Gold Finish) TBH & TABH (Tin Dipped Tails) g. Contact Identification - 070 h. Guide Type - LO, UO, L6, U6, L4, K4, ZL, Z2, SK	Hypertronics Corp.
D55302/160 ( ) ( ) ( ) TERMINAL TYPES: A, B, C, D, E, F, H, K, L, M, R, S, and Y NO OF CONTACTS: 72, 84, 96, 120 GUIDE HARDWARE NO.: P, U, W, B, T, V, J, G, F, X, Z		55302-50-93 MANUFACTURER'S SERIES CHB(a) (b) (c) (d) (e) a. No. of Contacts - 072, 084, 096, 120 b. Connector type - Receptacle c. Contact - Male(M), Female(F) d. Terminal Style - C, H, L, R, S, Y e. Guide type - A10, A11, A13, A14, A21, A23 A24, V01, V02, V03, V04, V07 V08, V15	CONNEI SpA
D55302/160 ( ) ( ) ( ) TERMINAL TYPES: A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R, S, T, U, V, W, and Y 55302-282-84 NO. OF CONTACTS: 72, 84, 96, 120 55302-335-89 GUIDE HARDWARE NO.: B, F, G, J, P, T, U, V, W, X, Z		55302-163-83 MANUFACTURER'S SERIES HPD, KA (a)/127 (b) (c) (d) (e) (f) a. No. of Contacts - 72, 84, 96, 120 b. Locking Hardware - V1, V2, V4, V7, V15 c. Contact - Male, Female d. Terminal Style - B, C, D, H2, K, P, R, S, Y, Z e. Mounting Style - 11, 13,21, 23 f. Plating - M TH & TAH (Std. Gold Finish) TBH & TABH (Tin Dipped Tails) g. Contact Identification - 070 e. Guide Type - LO, UO, L6, U6, L4, K4, ZL, Z2, SK	Hypertronics Corp.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
	PART I		
D55302/161J160B	HMG160FD25BE	55302-167-96	IEH Corp.
D55302/161T160B	HMG160FD21BE		
D55302/161P160B	HMG160MD25BE		
D55302/161U160B	HMG160MD21BE		
D55302/161N160B	HMG160FD22BE		
D55302/161V160B	HMG160FD23BE		
D55302/161Z160B	HMG160MD22BE		
D55302/161W160B	HMG160MD23BE		
D55302/161JG60B	HMG160FW22BE		
D55302/161Q160B	HMG160MD22BE		
D55302/161 ( ) ( ) ( )		55302-163-83	Hypertronics Corp.
D55302/161J160B	KA160.4/127CEFD21TAH (Standard Gold Finish) OR KA160.4/127CEFD21TABH (Tinned Dipped Tails)		
D55302/161G160B	KA160.4/127CEFY21TAH		
D55302/161P160B	KA160.4/127CEMD21TH (Standard Gold Finish) OR KA160.4/127CEMD21TBH (Tinned Dipped Tails)		
D55302/161Q160B	KA160.4/127CEMY21TH		
D55302/161J160	HPF 160 MFPLO 072	55302-282-84	Hypertronics Corp.
D55302/161G160	HPF 160 MPZLO 072		
D55302/161P160	HPF 160 MMPLO 072		
D55302/161Q160	HPF 160 MMZLO 072		

D55302/162 ( ) ( ) ( ) — 55302-50-93 — CONNEI SpA

TERMINAL TYPES	NO OF CONTACTS	GUIDE HARDWARE NO.	MANUFACTURER'S SERIES
A, C, D, E, H, K, L, M, R, S, and Y	17, 29, 41, 53, 65	P, U, W, B, T, V, J, G, F, X, Z	CHB(a) (b) (c) (d) (e) a. No. of Contacts - 017, 029, 041, 053, 065 b. Connector type - Plug c. Contact - Male(M), Female(F) d. Terminal Style - C, H, L, R, S, Y e. Guide type - A10, A11, A13, A14, A21, A23, A24, V01, V02, V03, V04, V07, V08, V15

D55302/162 ( ) ( ) ( ) — 55302-282-84 — 55302-163-83 — Hypertronics Corp.

TERMINAL TYPES	NO. OF CONTACTS	GUIDE HARDWARE NO.	MANUFACTURER'S SERIES
A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R, S, T, U, V, W, X, Y	17, 29, 41, 53, 65	B, F, G, J, K, P, T, U, W, V, X, Y, Z	HPD, KA (a)/127BP (b) (c) (d) (e) (f) a. No. of Contacts - 17, 29, 41, 53, 65 b. Locking Hardware - VI, V2, V3, V4, V7, V8, V8, V15 c. Contact - Male, Female d. Terminal Style - B, C, D, H2, K, R, S, Y, Z e. Mounting Style - 10, 11, 13, 21, 23 f. Plating - M TH & TAH (Std. Gold Finish) TBH & TABH (Tin Dipped Tails) g. Guide Type - LO, UO, L6, U6, L4, K4, ZL, Z2, SK, KO h. Contact Identification - 070

D55302/163 ( ) ( ) ( ) — 55302-50-93 — CONNEI SpA

TERMINAL TYPES	NO OF CONTACTS	GUIDE HARDWARE NO.	MANUFACTURER'S SERIES
A, B, C, D, E, F, H, K, L, M, R, S, and Y	72, 84, 96, 120	P, U, W, B, T, V, J, G, F, X, Z	CHB(a) (b) (c) (d) (e) a. No. of Contacts - 072, 084, 096, 120 b. Connector type - Plug c. Contact - Male(M), Female(F) d. Terminal Style - C, H, L, R, S, Y e. Guide type - A10, A11, A13, A14, A21, A23, A24, V01, V02, V03, V04, V07, V08, V15

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)

PART I

D55302/163 ( ) ( ) ( ) 55302-282-84 55302-163-83 Hypertronics Corp.

TERMINAL TYPES	NO. OF CONTACTS	GUIDE HARDWARE NO.	MANUFACTURER'S SERIES
A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R, S, T, U, V, W, X, Y	72, 84, 96, 120	B, F, G, J, K, P, T, U, V, W, X, Y, Z	HPD, KA(a)/127BP (b) (c) (d) (e) (f) a. No. of Contacts - 72, 84, 96, 120 b. Locking Hardware - VI, V2, V3, V4, V7, V8, V15 c. Contact - Male, Female d. Terminal Style - B, C, D, H2, K, R, S, Y, Z e. Mounting Style - 10, 11, 13, 21, 23 f. Plating - M TH & TAH (Std. Gold Finish) TBH & TABH (Tin Dipped Tails) g. Guide Type - LO, UO, L6, U6, L4, ZL, Z2, SK, KO h. Contact Identification - 070

D55302/164 ( ) ( ) ( ) 55302-282-84 55302-335-89 55302-163-83 Hypertronics Corp.

TERMINAL TYPES	NO. OF CONTACTS	GUIDE HARDWARE NO.	MANUFACTURER'S SERIES
A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R, S, T, U, V, W, Y	160	B, F, G, J, K, P, T, U, V, W, X, Z	HPD, KA160/127C (a) (b) (c) (d) (e) (f) a. Insulator Numbering - E-receptacle P-plus b. Locking Hardware - V1, V2, V4, V6, V7, V15 c. Contact - Male, Female d. Terminal Style - B, C, D, H2, K, R, S, Y, Z e. Mounting Style - 10, 11, 13, 21, 23 f. Plating - M TH & TAH (Std. Gold Finish) TBH & TABH (Tin Dipped Tails) g. Guide Type - LO, UO, L6, U6, L4, ZL, Z2, SK, KO h. Contact Identification - 070

D55302/164 ( ) ( ) ( ) 55302-167-96 IEH Corp.

TERMINAL TYPES	NO. OF CONTACTS	GUIDE HARDWARE NO.	MANUFACTURER'S SERIES
A, B, C, D, E, F, G, H, J, K, L, M, N, P, R, S, T, U, V, W, Y	160	B, F, G, J, K, P, T, U, V, W, X, Z	HMG160(M,F)(C,D,E,S,W)(10,11,12,13,14,15,16)(B,F,G,J,P,T,U,W,X,Z)

Note: A = Increments of Two
B = Increments of Three
C = Increments of Four

M55302/166A10X1 thru M55302/166A00X1	10-505202-20 thru 10-505202-200	55302-864-85	Amphenol Products/Amphenol Connector
M55302/166B10X1 thru M55302/166B00X1	10-505203-30 thru 10-505203-300	55302-864-85	Amphenol Products/Amphenol Connector
M55302/166C10X1 thru M55302/166C00X1	10-505204-40 thru 10-505204-400	55302-864-85	Amphenol Products/Amphenol Connector
M55302/166A10X2 thru M55302/166A00X2	10-505502-20 thru 10-505502-200	55302-864-85	Amphenol Products/Amphenol Connector
M55302/166B10X2 thru M55302/166B00X2	10-505503-30 thru 10-505503-300	55302-864-85	Amphenol Products/Amphenol Connector
M55302/166C10X2 thru M55302/166C00X2	10-505504-40 thru 10-505504-400	55302-864-85	Amphenol Products/Amphenol Connector

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
		PART I	
M55302/166A10Y1 thru M55302/166A00Y1	10-505102-20 thru 10-505102-200	55302-864-85	Amphenol Products/Amphenol Connector
M55302/166B10Y1 thru M55302/166B00Y1	10-505103-30 thru 10-505103-300	55302-864-85	Amphenol Products/Amphenol Connector
M55302/166C10Y1 thru M55302/166C00Y1	10-505104-40 thru 10-505104-400	55302-864-85	Amphenol Products/Amphenol Connector
M55302/166A10Y2 thru M55302/166A00Y2	10-505402-20 thru 10-505402-200	55302-864-85	Amphenol Products/Amphenol Connector
M55302/166B10Y2 thru M55302/166B00Y2	10-505403-30 thru 10-505403-300	55302-864-85	Amphenol Products/Amphenol Connector
M55302/166C10Y2 thru M55302/166C00Y2	10-505404-40 thru 10-505404-400	55302-864-85	Amphenol Products/Amphenol Connector
M55302/166A10Z1 thru M55302/166A00Z1	10-505002-20 thru 10-505002-200	55302-864-85	Amphenol Products/Amphenol Connector
M55302/166B10Z1 thru M55302/166B00Z1	10-505003-30 thru 10-505003-300	55302-864-85	Amphenol Products/Amphenol Connector
M55302/166C10Z1 thru M55302/166C00Z1	10-505004-40 thru 10-505004-400	55302-864-85	Amphenol Products/Amphenol Connector
M55302/166A10Z2 thru M55302/166A00Z2	10-505302-20 thru 10-505302-200	55302-864-85	Amphenol Products/Amphenol Connector
M55302/166B10Z2 thru M55302/166B00Z2	10-505303-30 thru 10-505303-300	55302-864-85	Amphenol Products/Amphenol Connector
M55302/166C10Z2 thru M55302/166C00Z2	10-505304-40 thru 10-505304-400	55302-864-85	Amphenol Products/Amphenol Connector
M55302/167A10Y1 thru M55302/167A00Y1	10-505122-20 thru 10-505122-200	55302-864-85	Amphenol Products/Amphenol Connector
M55302/167B10Y1 thru M55302/167B00Y1	10-505123-30 thru 10-505123-300	55302-864-85	Amphenol Products/Amphenol Connector
M55302/167C10Y1 thru M55302/167C00Y1	10-505124-40 thru 10-505124-400	55302-864-85	Amphenol Products/Amphenol Connector
M55302/167A10Y2 thru M55302/167A00Y2	10-505422-20 thru 10-505422-200	55302-864-85	Amphenol Products/Amphenol Connector
M55302/167B10Y2 thru M55302/167B00Y2	10-505423-30 thru 10-505423-300	55302-864-85	Amphenol Products/Amphenol Connector
M55302/167C10Y2 thru M55302/167C00Y2	10-505424-40 thru 10-505424-400	55302-864-85	Amphenol Products/Amphenol Connector

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
		PART I	
M55302/167A10Z1 thru M55302/167A00Z1	10-505022-20 thru 10-505022-200	55302-864-85	Amphenol Products/Amphenol Connector
M55302/167B10Z1 thru M55302/167B00Z1	10-505023-30 thru 10-505023-300	55302-864-85	Amphenol Products/Amphenol Connector
M55302/167C10Z1 thru M55302/167C00Z1	10-505024-40 thru 10-505024-400	55302-864-85	Amphenol Products/Amphenol Connector
M55302/167A10Z2 thru M55302/167A00Z2	10-505322-20 thru 10-505322-200	55302-864-85	Amphenol Products/Amphenol Connector
M55302/167B10Z2 thru M55302/167B00Z2	10-505323-30 thru 10-505323-300	55302-864-85	Amphenol Products/Amphenol Connector
M55302/167C10Z2 thru M55302/167C00Z2	10-505324-40 thru 10-505324-400	55302-864-85	Amphenol Products/Amphenol Connector
M55302/168A10Y1 thru M55302/168A00Y1	10-505152-20 thru 10-505122-200	55302-865-85	Amphenol Products/Amphenol Connector
M55302/168B10Y1 thru M55302/168B00Y1	10-505153-30 thru 10-505153-300	55302-865-85	Amphenol Products/Amphenol Connector
M55302/168C10Y1 thru M55302/168C00Y1	10-505154-40 thru 10-505154-400	55302-865-85	Amphenol Products/Amphenol Connector
M55302/168A10Y2 thru M55302/168A00Y2	10-505452-20 thru 10-505452-200	55302-865-85	Amphenol Products/Amphenol Connector
M55302/168B10Y2 thru M55302/168B00Y2	10-505453-30 thru 10-505453-300	55302-865-85	Amphenol Products/Amphenol Connector
M55302/168C10Y2 thru M55302/168C00Y2	10-505454-40 thru 10-505454-400	55302-865-85	Amphenol Products/Amphenol Connector
M55302/168A10Z1 thru M55302/168A00Z1	10-505052-20 thru 10-505052-200	55302-865-85	Amphenol Products/Amphenol Connector
M55302/168B10Z1 thru M55302/168B00Z1	10-505053-30 thru 10-505053-300	55302-865-85	Amphenol Products/Amphenol Connector
M55302/168C10Z1 thru M55302/168C00Z1	10-505054-40 thru 10-505054-400	55302-865-85	Amphenol Products/Amphenol Connector

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
		PART I	
M55302/168A10Z2 thru M55302/168A00Z2	10-505352-20 thru 10-505352-200	55302-865-85	Amphenol Products/Amphenol Connector
M55302/168B10Z2 thru M55302/168B00Z2	10-505353-30 thru 10-505353-300	55302-865-85	Amphenol Products/Amphenol Connector
M55302/168C10Z2 thru M55302/168C00Z2	10-505354-40 thru 10-505354-400	55302-865-85	Amphenol Products/Amphenol Connector
M55302/169A101 thru M55302/169A001	10-505032-20 thru 10-505032-200	55302-866-85	Amphenol Products/Amphenol Connector
M55302/169B101 thru M55302/169B001	10-505033-30 thru 10-505033-300	55302-866-85	Amphenol Products/Amphenol Connector
M55302/169C101 thru M55302/169C001	10-505034-40 thru 10-505034-400	55302-866-85	Amphenol Products/Amphenol Connector
M55302/169A102 thru M55302/169A002	10-505332-20 thru 10-505332-200	55302-866-85	Amphenol Products/Amphenol Connector
M55302/169B102 thru M55302/169B002	10-505333-30 thru 10-505333-300	55302-866-85	Amphenol Products/Amphenol Connector
M55302/169C102 thru M55302/169C002	10-505334-40 thru 10-505334-400	55302-866-85	Amphenol Products/Amphenol Connector
M55302/169A103 thru M55302/169A003	10-505932-20 thru 10-505932-200	55302-866-85	Amphenol Products/Amphenol Connector
M55302/169B103 thru M55302/169B003	10-505933-30 thru 10-505933-300	55302-866-85	Amphenol Products/Amphenol Connector
M55302/169C103 thru M55302/169C003	10-505934-40 thru 10-505934-400	55302-866-85	Amphenol Products/Amphenol Connector
M55302/169A104 thru M55302/169A004	10-505432-20 thru 10-505432-200	55302-866-85	Amphenol Products/Amphenol Connector
M55302/169B104 thru M55302/169B004	10-505433-30 thru 10-505433-300	55302-866-85	Amphenol Products/Amphenol Connector
M55302/169C104 thru M55302/169C004	10-505434-40 thru 10-505434-400	55302-866-85	Amphenol Products/Amphenol Connector

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
		PART I	
M55302/170A10X1 thru M55302/170A00X1	10-505212-20 thru 10-505212-200	55302-867-85	Amphenol Products/Amphenol Connector
M55302/170B10X1 thru M55302/170B00X1	10-505213-30 thru 10-505213-300	55302-867-85	Amphenol Products/Amphenol Connector
M55302/170C10X1 thru M55302/170C00X1	10-505214-40 thru 10-505214-400	55302-867-85	Amphenol Products/Amphenol Connector
M55302/170A10X2 thru M55302/170A00X2	10-505512-20 thru 10-505512-200	55302-867-85	Amphenol Products/Amphenol Connector
M55302/170B10X2 thru M55302/170B00X2	10-505513-30 thru 10-505513-300	55302-867-85	Amphenol Products/Amphenol Connector
M55302/170C10X2 thru M55302/170C00X2	10-505514-40 thru 10-505514-400	55302-867-85	Amphenol Products/Amphenol Connector
M55302/170A10Y1 thru M55302/170A00Y1	10-505112-20 thru 10-505112-200	55302-867-85	Amphenol Products/Amphenol Connector
M55302/170B10Y1 thru M55302/170B00Y1	10-505113-30 thru 10-505113-300	55302-867-85	Amphenol Products/Amphenol Connector
M55302/170C10Y1 thru M55302/170C00Y1	10-505114-40 thru 10-505114-400	55302-867-85	Amphenol Products/Amphenol Connector
M55302/170A10Y2 thru M55302/170A00Y2	10-505412-20 thru 10-505412-200	55302-867-85	Amphenol Products/Amphenol Connector
M55302/170B10Y2 thru M55302/170B00Y2	10-505413-30 thru 10-505413-300	55302-867-85	Amphenol Products/Amphenol Connector
M55302/170C10Y2 thru M55302/170C00Y2	10-505414-40 thru 10-505414-400	55302-867-85	Amphenol Products/Amphenol Connector
M55302/170A10Z1 thru M55302/170A00Z1	10-505012-20 thru 10-505012-200	55302-867-85	Amphenol Products/Amphenol Connector
M55302/170B10Z1 thru M55302/170B00Z1	10-505013-30 thru 10-505013-300	55302-867-85	Amphenol Products/Amphenol Connector
M55302/170C10Z1 thru M55302/170C00Z1	10-505014-40 thru 10-505014-400	55302-867-85	Amphenol Products/Amphenol Connector

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
		PART I	
M55302/170A10Z2 thru M55302/170A00Z2	10-505312-20 thru 10-505312-200	55302-867-85	Amphenol Products/Amphenol Connector
M55302/170B10Z2 thru M55302/170B00Z2	10-505313-30 thru 10-505313-300	55302-867-85	Amphenol Products/Amphenol Connector
M55302/170C10Z2 thru M55302/170C00Z2	10-505314-40 thru 10-505314-400	55302-867-85	Amphenol Products/Amphenol Connector
M55302/171-1	10-505588-6	55302-866-85	Amphenol Products/Amphenol Connector
-2	10-505588-3		
M55302/172-1	10-411196-3	55302-864-85	Amphenol Products/Amphenol Connector
-2	10-411196-5		
-3	10-502599-2	55302-866-85	
-4	10-502599	55302-865-85	
-5	10-411196-4		
M55302/173-01	533900-1	55302-490-90	AMP, Inc.
M55302/173-02	533901-1		
M55302/173-04	533902-1		
M55302/173-06	533903-1		
M55302/173-10	533900-2		
M53302/173-11	533901-2		
M55302/173-13	533902-2		
M55302/173-15	533903-2		
M55302/173-19	533900-3		
M55302/173-20	533901-3		
M55302/173-22	533902-3		
M55302/173-24	533903-3		
M55302/173-28	533900-4		
M55302/173-29	533901-4		
M55302/173-31	533902-4		
M55302/173-33	533903-4		
M55302/173-37	533900-5		
M55302/173-38	533901-5		
M55302/173-40	533902-5		
M55302/173-42	533903-5		
M55302/173-46	533900-6		
M55302/173-47	533901-6		
M55302/173-49	533902-6		
M55302/173-51	533903-6		
M55302/173-64	533900-7		
M55302/173-65	533901-7		
M55302/173-67	533902-7		
M55302/173-69	533903-7		
M55302/173-82	533900-8		
M55302/173-83	533901-8		
M55302/173-85	533902-8		
M55302/173-87	533903-8		
M55302/173-127	533900-9		
M55302/173-128	533901-9		
M55302/173-130	533902-9		
M55302/173-132	533903-9		
M55302/173-145	1-533900-0		
M55302/173-146	1-533901-0		
M55302/173-148	1-533902-0		
M55302/173-150	1-533903-0		

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
		PART I	
M55302/174-01	533906-1	55302-490-90	AMP, Inc.
M55302/174-04	533907-1		
M55302/174-05	533906-2		
M55302/174-08	533907-2		
M55302/174-09	533906-3		
M55302/174-12	533907-3		
M55302/174-13	533906-4		
M55302/174-16	533907-4		
M55302/174-17	533906-5		
M55302/174-20	533907-5		
M55302/174-21	533906-6		
M55302/174-24	533907-6		
M55302/174-29	533906-7		
M55302/174-32	533907-7		
M55302/174-37	533906-8		
M55302/174-40	533907-8		
M55302/174-57	533906-9		
M55302/174-60	533907-9		
M55302/174-65	1-533906-0		
M55302/174-68	1-533907-0		
M55302/175-01	533904-1	55302-490-90	AMP, Inc.
M55302/175-04	533905-1		
M55302/175-05	533904-2		
M55302/175-08	533905-2		
M55302/175-09	533904-3		
M55302/175-12	533905-3		
M55302/175-13	533904-4		
M55302/175-16	533905-4		
M55302/175-17	533904-5		
M55302/175-20	533905-5		
M55302/175-21	533904-6		
M55302/175-24	533905-6		
M55302/175-29	533904-7		
M55302/175-32	533905-7		
M55302/175-37	533904-8		
M55302/175-40	533905-8		
M55302/175-57	533904-9		
M55302/175-60	533905-9		
M55302/175-65	1-533904-0		
M55302/175-68	1-533905-0		
M55302/176-01	533908-1	55302-490-90	AMP, Inc.
M55302/176-02	533909-1		
M55302/176-04	533910-1		
M55302/176-06	533911-1		
M55302/176-19	533908-2		
M55302/176-20	533909-2		
M55302/176-22	533910-2		
M55302/176-24	533911-2		
M55302/176-37	533908-3		
M55302/176-38	533909-3		
M55302/176-40	533910-3		
M55302/176-42	533911-3		
M55302/176-55	533908-4		
M55302/176-56	533909-4		
M55302/176-58	533910-4		
M55302/176-60	533911-4		
M55302/176-64	533908-5		
M55302/176-65	533909-5		
M55302/176-67	533910-5		
M55302/176-69	533911-5		
M55302/176-73	533908-6		
M55302/176-74	533909-6		
M55302/176-76	533910-6		
M55302/176-78	533911-6		
M55302/176-91	533908-7		
M55302/176-92	533909-7		
M55302/176-94	533910-7		
M55302/176-96	533911-7		
M55302/176-100	533908-8		
M55302/176-101	533909-8		
M55302/176-103	533910-8		
M55302/176-105	533911-8		

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
M55302/176-118	533916-1	55302-490-90	AMP, Inc. (Continued)
M55302/176-119	533917-1		
M55302/176-121	533918-1		
M55302/176-123	533919-1		
M55302/176-136	533916-2		
M55302/176-137	533917-2		
M55302/176-139	533918-2		
M55302/176-163	533916-3		
M55302/176-164	533917-3		
M55302/176-166	533918-3		
M55302/176-168	533919-3		
M55302/176-181	533916-4		
M55302/176-182	533917-4		
M55302/176-184	533918-4		
M55302/176-186	533919-4		
M55302/176-199	533924-1		
M55302/176-200	533925-1		
M55302/176-202	533926-1		
M55302/176-204	533927-1		
M55302/177-01	533914-1	55302-490-90	AMP, Inc.
M55302/177-04	533915-1		
M55302/177-09	533914-2		
M55302/177-12	533915-2		
M55302/177-17	533914-3		
M55302/177-20	533915-3		
M55302/177-25	533914-4		
M55302/177-28	533915-4		
M55302/177-29	533914-5		
M55302/177-32	533915-5		
M55302/177-33	533914-6		
M55302/177-36	533915-6		
M55302/177-41	533914-7		
M55302/177-44	533915-7		
M55302/177-45	533914-8		
M55302/177-48	533915-8		
M55302/177-53	533922-1		
M55302/177-56	533923-1		
M55302/177-61	533922-2		
M55302/177-64	533923-2		
M55302/177-73	533922-3		
M55302/177-76	533923-3		
M55302/177-81	533922-4		
M55302/177-84	533923-4		
M55302/177-89	533930-3		
M55302/177-92	533931-3		
M55302/178-01	533912-1	55302-490-90	AMP, Inc.
M55302/178-04	533913-1		
M55302/178-09	533912-2		
M55302/178-12	533913-2		
M55302/178-17	533912-3		
M55302/178-20	533913-3		
M55302/178-25	533912-4		
M55302/178-28	533913-4		
M55302/178-29	533912-5		
M55302/178-32	533913-5		
M55302/178-33	533912-6		
M55302/178-36	533913-6		
M55302/178-44	533913-7		
M55302/178-45	533912-8		
M55302/178-48	533913-8		
M55302/178-41	533912-7		
M55302/178-53	533920-1		
M55302/178-56	533921-1		
M55302/178-61	533920-2		
M55302/178-64	533921-2		
M55302/178-73	533920-3		
M55302/178-76	533921-3		
M55302/178-81	533920-4		
M55302/178-84	533921-4		
M55302/178-88	533928-1		
M55302/178-92	533929-1		

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
		PART I	
M55302/179-01	533932-1	55302-490-90	AMP, Inc.
M55302/179-02	533933-1		
M55302/179-04	533934-1		
M55302/179-06	533935-1		
M55302/179-19	533932-2		
M55302/179-20	533933-2		
M55302/179-22	533934-2		
M55302/179-24	533935-2		
M55302/179-37	533932-3		
M55302/179-38	533933-3		
M55302/179-40	533934-3		
M55302/179-42	533935-3		
M55302/179-55	533932-4		
M55302/179-56	533933-4		
M55302/179-58	533934-4		
M55302/179-60	533935-4		
M55302/179-64	533932-5		
M55302/179-65	533933-5		
M55302/179-67	533934-5		
M55302/179-69	533935-5		
M55302/179-73	533932-6		
M55302/179-74	533933-6		
M55302/179-76	533934-6		
M55302/179-78	533935-6		
M55302/179-82	533932-7		
M55302/179-83	533933-7		
M55302/179-85	533934-7		
M55302/179-87	533935-7		
M55302/179-91	533932-8		
M55302/179-92	533933-8		
M55302/179-94	533934-8		
M55302/179-96	533935-8		
M55302/179-100	533932-9		
M55302/179-101	533933-9		
M55302/179-103	533934-9		
M55302/179-105	533935-9		
M55302/179-109	1-533932-0		
M55302/179-110	1-533933-0		
M55302/179-112	1-533934-0		
M55302/179-114	1-533935-0		
M55302/179-127	533940-1		
M55302/179-128	533941-1		
M55302/179-130	533942-1		
M55302/179-132	533943-1		
M55302/179-154	533940-2		
M55302/179-155	533941-2		
M55302/179-157	533942-2		
M55302/179-159	533943-2		
M55302/179-181	533940-3		
M55302/179-182	533941-3		
M55302/179-184	533942-3		
M55302/179-186	533943-3		
M55302/179-190	533948-1		
M55302/179-191	533949-1		
M55302/179-193	533950-1		
M55302/179-195	533951-1		
M55302/179-199	533948-2		
M55302/179-200	533949-2		
M55302/179-202	533950-2		
M55302/179-204	533951-2		
M55302/179-226	533948-3		
M55302/179-227	533949-3		
M55302/179-229	533950-3		
M55302/179-231	533951-3		
M55302/179-235	533948-4		
M55302/179-236	533949-4		
M55302/179-238	533950-4		
M55302/179-240	533951-4		
M55302/179-253	533948-5		
M55302/179-254	533949-5		
M55302/179-256	533950-5		
M55302/179-258	533951-5		

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
		PART I	
M55302/180-01	533938-1	55302-490-90	AMP, Inc.
M55302/180-04	533939-1		
M55302/180-09	533938-2		
M55302/180-12	533939-2		
M55302/180-17	533938-3		
M55302/180-20	533939-3		
M55302/180-25	533938-4		
M55302/180-28	533939-4		
M55302/180-29	533938-5		
M55302/180-32	533939-5		
M55302/180-33	533938-6		
M55302/180-36	533939-6		
M55302/180-37	533938-7		
M55302/180-40	533939-7		
M55302/180-41	533938-8		
M55302/180-44	533939-8		
M55302/180-45	533938-9		
M55302/180-48	533939-9		
M55302/180-49	1-533938-0		
M55302/180-52	1-533939-0		
M55302/180-57	533946-1		
M55302/180-60	533947-1		
M55302/180-69	533946-2		
M55302/180-72	533947-2		
M55302/180-81	533946-3		
M55302/180-84	533947-3		
M55302/180-85	533954-1		
M55302/180-88	533955-1		
M55302/180-89	533954-2		
M55302/180-92	533955-2		
M55302/180-101	533954-3		
M55302/180-104	533955-3		
M55302/180-105	533954-4		
M55302/180-108	533955-4		
M55302/180-113	533954-5		
M55302/180-116	533955-5		
M55302/181-01	533936-1	55302-490-90	AMP, Inc.
M55302/181-04	533937-1		
M55302/181-09	533936-2		
M55302/181-12	533937-2		
M55302/181-17	533936-3		
M55302/181-20	533937-3		
M55302/181-21	533936-4		
M55302/181-24	533937-4		
M55302/181-25	533936-5		
M55302/181-26	533937-5		
M55302/181-33	533936-6		
M55302/181-36	533937-6		
M55302/181-37	533936-7		
M55302/181-40	533937-7		
M55302/181-41	533936-8		
M55302/181-44	533937-8		
M55302/181-45	533936-9		
M55302/181-48	533937-9		
M55302/181-49	1-533936-0		
M55302/181-52	1-533937-0		
M55302/181-57	533944-1		
M55302/181-60	533945-1		
M55302/181-69	533944-2		
M55302/181-72	533945-2		
M55302/181-81	533944-3		
M55302/181-84	533945-3		
M55302/181-85	533952-1		
M55302/181-88	533953-1		
M55302/181-89	533952-2		
M55302/181-92	533953-2		
M55302/181-101	533952-3		
M55302/181-104	533953-3		
M55302/181-105	533952-4		
M55302/181-108	533953-4		
M55302/181-113	533952-5		
M55302/181-116	533953-5		

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
		PART I	
M55302/182-01	532807-1	55302-490-90	AMP, Inc.
M55302/182-02	532807-2		
M55302/182-03	532807-3		
M55302/182-04	532808-1		
M55302/182-05	532808-2		
M55302/182-08	532804-1		
M55302/182-10	532805-1		
M55302/182-11	532804-2		
M55302/182-12	532804-3		
M55302/182-15	532805-3		
M55302/182-16	532805-4		
M55302/182-17	533609-1		
M55302/182-18	533050-1		

M55302/190L( ) ( ) ( ) 55302-170-96 55302-262-92 55302-160-89 Airborn, Inc.

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D, E, F, G & H	100	F, M, N, R, S, X, Y	RM222

TYPE TERMINATIONS	HARDWARE
241, 291, 211, 221, 251, 271, 261	2900, 5100, 6400, 7600, 5900, 5500, 5501

M55302/190L( ) ( ) ( ) 55302-193-89 IEH Corp.

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D, E, F, G & H	100	F, L, M, N, S, X, Y	(HRMYURM) 100 ( ) ( ) A

TYPE TERMINATIONS	HARDWARE
FSE0, FDE1, FDE2, FDE3, FBE2, FWE1, FWE2, FWE3	K01, L01, M01, N01, H01, X01, Y00 thru Y64

M55302/190L( ) ( ) ( ) 55302-311-90 Texas Instruments, Inc.

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D, E	100	F, L, M, N, S, X, Y	AAD( ) ( ) ( )

TYPE TERMINATIONS	HARDWARE
A061, A062, A063, A064, A065	A010, A011, A001, A014, A009, A003, R2XX

M55302/191 ( ) ( ) ( ) 55302-262-92 55302-160-89 Airborn, Inc.

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B & C	100	F, L, M, N, S, X, Y	RM252

TYPE TERMINATIONS	HARDWARE
311, 321, 331	2900, 5100, 6400, 7600, 5900, 5500, 5501

M55302/191 ( ) ( ) ( ) 55302-193-89 IEH Hardware Corp.

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C	100	F, L, M, N, S, X, Y	HRM100 ( ) ( ) A

TYPE TERMINATIONS	HARDWARE
A017, A018, A019	A010, A011, A001, A014, A009, A003, P2XX

M55302/191L( ) ( ) ( ) 55302-572-90 55302-311-90 Texas Instruments, Inc.

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C	100	F, L, M, N, S, X, Y	AAE( ) ( )

TYPE TERMINATIONS	HARDWARE
A017, A018, A019	A010, A011, A001, A014, A009, A003, P2XX

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)

PART I

M55302/192L( ) ( ) ( ) 55302-170-96 55302-262-92 55302-160-89 Airborn, Inc.

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D, E, F, G & H	122, 152	F, L, M, N, S, X, Y	RM322

TYPE TERMINATIONS	HARDWARE
241, 201, 211, 221, 251, 271, 261	2900, 5100, 6400, 7600, 5900, 5500, 5501

M55302/192L( ) ( ) ( ) 55302-193-89 IEH Corp.

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D, E, F, G & H	122, 152	F, L, M, N, S, X, Y	(HRMYURM) ( ) ( ) ( ) A

TYPE TERMINATIONS	HARDWARE
FSE0, FDE1, FDE2, FDE3, FBE2, FWE1, FWE2, FWE3	K01, L01, M01, N01, H01, X01, Y00 thru Y64

M55302/192L( ) ( ) ( ) 55302-572-90 55302-311-90 Texas Instruments, Inc.

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C, D, E	122, 152	F, L, M, N, S, X, Y	AAA( ) ( ) ( )

TYPE TERMINATIONS	HARDWARE
A061, A062, A063, A064, A065	A010, A011, A001, A014, A009, A003, R2XX

M55302/193 ( ) ( ) ( ) 55302-262-92 55302-160-89 Airborn, Inc.

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B & C	122, 152	F, L, M, N, S, X, Y	RM352

TYPE TERMINATIONS	HARDWARE
311, 321, 331	2900, 5100, 6400, 7600, 5900, 5500, 5501

M55302/193 ( ) ( ) ( ) 55302-193-89 IEH Corp.

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C	122, 152	F, L, M, N, S, X, Y	HRM ( ) ( ) ( ) A

TYPE TERMINATIONS	HARDWARE
MEE1, MEE2, MEE3	K01, L01, M01, N01, H01, X01, Y00 thru Y64

M55302/193( ) ( ) ( ) 55302-311-90 Texas Instruments, Inc.

TERMINAL TYPES	NO. OF CONTACTS	MOUNTING HARDWARE	MANUFACTURER'S SERIES
A, B, C	122, 152	F, L, M, N, S, X, Y	AAB( ) ( ) A

TYPE TERMINATIONS	HARDWARE
A005, A006, A007	A010, A011, A001, A014, A009, A003, P2XX

PART II

The following products listed herein are reciprocal listings based on the NATO Standardization Agreement (STANAG) 4093 or International Standardization Agreements.

These devices are listed in the QPL of the concerned nation and, according to the qualifying authority of that nation, the devices meet the requirements for such listing. The products were completely manufactured, assembled, and tested in the concerned nation in accordance with the requirements of that nation. No review has been made by our qualifying activity of the manufacturingor test facilities or test report. Furthermore, no determination of equivalency has been conducted.

NOTE: No devices listed are to be JAN branded or marked with the failure rate level but should be marked with the appropriate national part numbers and identifiers, as applicable.

NATIONAL DEVICE SPECIFICATION	QUALIFICATION REFERENCE	MANUFACTURER'S NAME AND ADDRESS
TEL-80-5935-0001-00-00B000	682-1	Connei SpA
TEL-80-5935-0002-00-00B000	682-2	16153 Genova Sestri
TEL-80-5935-0003-00-00B000	682-3	Via Pillea 16-16
TEL-80-5935-0004-00-00B000	682-4	Italy

MANUFACTURER'S NAME, ADDRESS AND PLANT	CAGE CODE
AbelConn, LLC 9210 Science Center Drive New Hope, MN 55428-3635 Plant: 400 Cokato Street Cokato, MN 55321-4244	16512
AirBorn, Inc. 4321 AirBorn Drive Addison, TX 75001 Plants: 1. Same Address 2. FM 312-S Winnsboro, TX 3. 216 West Royal Drive Georgetown, TX	10400
AMP, Inc. Eisenhower Boulevard/MS 210-20 Harrisburg, PA 17105 Plant: 1250 E. Main Street Mt. Joy, PA 17552-9503	00779
Amphenol Products Amphenol Connector Operations 40-60 Delaware Avenue Sidney, NY 13838-1395 Plant: Same Address	77820
CONNEI SpA Via Pillea 14/16/18 16153 Genova Sestri, Italy Plant: Same Address	A2857
Continental Connector Company Subsidiary of PMC, Inc. 53 La France Avenue Bloomfield, NJ 07003 Plant: Same Address	95238
Cristek Interconnects, Inc. 5405 East La Palma Avenue Anaheim, CA 92807 Plant: Same Address	67720
Elco Europe GmbH Benjamin Fox Strabe 1 D-57518 Betzdorf Germany Plant: Same Address	D2643
ERNI Components, Inc. 12701 Kingston Avenue Chester, VA 23831 Plant: Same Address	6V439

MANUFACTURER'S NAME, ADDRESS AND PLANT	CAGE CODE
Hypertronics Corporation 2352 Main Street Concord, MA 01742 Plant: 16 Brent Drive Hudson, MA 01749	50541
ITron Corp. 41 Plaza Drive Westmont, IL 60559 Plant: Same Address	61947
IEH Corp. Industrial Electronic Hardware Corp. 140 58th Street, Suites 8E & F Bay Ridge, NY 11220 Plant: Same Address	97913
The McMurdo Industrument Co., Ltd. Rodney Road Portsmouth, England Plant: Same Address	U0913
Microdot Connectors 306 Pasadena Avenue S. Pasadena, CA 91030 Plant: Same Address	98278
Packard-Hughes Interconnect 17150 Von Karman Avenue Irvine, CA 92713-9685 Plant: Interaz, S.A. 14532 Boulevard Pacifico Parque Industrial Pacifico Tijuana, Baja, California Mexico	53669
Texas Instruments, Inc. 34 Forest Street Attleboro, NA 02703 Plant: 111 Forbes Blvd., Bldg. 14 Mansfield, MA	59350
Tri-Star Electronics 2201 Rosecrans Avenue El Segundo, CA 90245 Plant: Same Address	55104
Winchester Electronics Division of Litton Industries 400 Park Road Watertown, CT 06795 Plant: Same Address	81312

DISTRIBUTOR FOR ABELCONN, LLC	IDENTIFICATION SYMBOL
BTC Electronic Components 5809 Departure Drive Raleigh, NC 27616	

DISTRIBUTOR FOR AIRBORN, INC.	IDENTIFICATION SYMBOL
Hall-Mark Electronics Corp. 11333 Pagemill Road P.O. Box 222035 Dallas, TX 75222	

DISTRIBUTOR FOR AMP, INC.	IDENTIFICATION SYMBOL
Goodwill Industries 1048 N. Plum Street Lancaster, PA 17601	

DISTRIBUTORS FOR CONTINENTAL CONNECTOR CORP.	IDENTIFICATION SYMBOL
Access Electronics Corp. 960 San Antonio Road Palo Alto, CA 94303	
BTC Electronic Components 5809 Departure Drive Raleigh, NC 27616	
Stranco Products, Inc. 901 Lee Street Elk Grove Village, IL 60007	
Vantage Electronics Corp. 681 Main Street Waltham, MA 02154	

DISTRIBUTOR FOR HYPERTRONICS CORP.	IDENTIFICATION SYMBOL
Hypertac, Ltd. Waterloo Road London NW2 7UH England	

DISTRIBUTORS FOR INDUSTRIAL ELECTRONIC HARDWARE CORPORATION:	IDENTIFICATION SYMBOL
Air Electro, Inc. 7700 Gloria Avenue Van Nuys, CA 91406	
Linton Hardware Electronics Supply, Inc. 2675 Gravel Road Fort Worth, TX 76118	
Pioneer Standard Electronics 60 Crossways Park West Woodbury, NY 11797	
Powell Electronics, Inc. 2260 Lundy Avenue San Jose, CA 95131	*
Powell Electronics, Inc. S. Island Rd. & Enterprise Ave. P. O. Box 8765 Philadelphia, PA 19101	*
Time Electronics 150 C New Boston Street Woburn, MA 01801	T

DISTRIBUTORS FOR PACKARD-HUGHES INTERCONNECT:	IDENTIFICATION SYMBOL
Astrex, Inc. 205 Express Street Plainview, NY 11803	
D.C. Electronics 3130 Coronado Drive Santa Clara, CA 95054	
D.C. Electronics 15032 Red Hill Avenue Tustin, CA 92680	
Koehlke Components, Inc. 9400 Lebanon Pike Centerville, OH 45458	
Switch Luz/ISA Mariscal Sucre No. 65 Centro Industrial Los Olivos La Mesa, Tijuana, Mexico Baja, California	
Hughes Microelectronics, Ltd. Queensway Industrial Estate Fullerton Road Glenrothes, Fife, KY75PY, Scotland	(HML)

DISTRIBUTORS FOR TEXAS INSTRUMENTS, INC.:	IDENTIFICATION SYMBOL
National Connect-Tronix, Inc. 4611 Langland Road, Suite 102 Dallas, TX 75380	
Pan Pacific Electronics, Inc. 3928 150th Avenue, N.E. Redmond, WA 98052	
Powell Electronics Co., Inc. S. Island Rd. & Enterprise Ave. P.O. Box 8765 Philadelphia, PA 19101	*
Powell Electronics Co., Inc. 2260 Lundy Lane San Jose, CA 95131	*
Progress Electronics Co., Inc. 205 Express Street Plainview, NY 11803	P
Time Electronics 10-A Centennial Drive Peabody, MA 01960	X

DISTRIBUTORS FOR
WINCHESTER ELECTRONICS:

Astrex
205 Express Street
Plainview, NY 11803

BTC Electronic Components
5809 Departure Drive
Raleigh, NC 27604

CPN Electronics, Inc.
4503 N.W. 103 Avenue, Suite 200
Sunrise, FL 33351

Coghlin Electric
35 Otis Street
Westboro, MA 01581

March Electronics, Inc.
25 Feldland Street
Bohemia, NY 11716

Powell Electronics
105-A Connecticut Drive
Burlington, NJ 08016

Winchester Electronics
Carretera Internacionial KM 6.5
Parque Industrial
Nogales, Sonora, Mexico