QUALIFICATIONS VALIDATED
EVERY 24 MONTHS

QPL-22992-40
31 March 1998
SUPERSEDING
QPL-22992-39
20 November 1997

QUALIFIED PRODUCTS LIST

OF

PRODUCTS QUALIFIED UNDER MILITARY SPECIFICATION

MIL-C-22992

CONNECTOR, PLUGS AND RECEPTACLES, ELECTRICAL,

WATERPROOF, QUICK DISCONNECT, HEAVY DUTY TYPE

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-22992. 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.

ADAPTERS ARE QUALIFIED TO ANY COMBINATION OF FINISH, TYPE, ADAPTER SIZE, AND STYLE SHOWN. AN EXAMPLE OF THE GOVERNMENT DESIGNATION WHICH IDENTIFIES THE ADAPTER IS SHOWN BELOW:

MSl7340	N	l2	A	l
MS NUMBER	FINISH	ADAPTER SIZE NUMBER	TYPE	STYLE

CONNECTORS ARE QUALIFIED TO ANY COMBINATION OF CLASS, FINISH AND STYLE SHOWN. THE INSERT ARRANGEMENT NUMBER APPLICABLE TO EACH SHELL SIZE IS SHOWN IN A VERTICAL COLUMN UNDER THE SHELL SIZE. AN EXAMPLE OF THE GOVERNMENT DESIGNATION WHICH IDENTIFIES THE CONNECTOR IS SHOWN BELOW:

MSl7343	C	20	C	8	P	W
MS NUMBER	CLASS	SHELL SIZE	FINISH	INSERT ARRANGEMENT	STYLE	ALTERNATE POSITION

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
MSl7342	QWLD ADAPTER (STEP-UP)	l2-44l8	Amphenol Corp. - Connector Operations (1)

FINISH: C, N TYPE: A, B STYLE: l

SHELL SIZE										
l2	l4	l6	l8	20	22	24	28	32	36	40
ADAPTER SIZE NUMBER										
l	4		8	9	l3	l5	l9	22	26	3l
2	5			l0	l4	l6	20	23	27	32
3	6			ll		l7	2l	24	28	33
	7			l2		l8		25	29	34
									30	

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

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
MSl7343	QWLD-00	l2-44l8	Amphenol Aerospace - Connector Operations (1, 2)

CLASS: C, R FINISH: C, N STYLE: P, S

SHELL SIZE

l2	l4	l6	l8	20	22	24	28	32	36	40	44

INSERT ARRANGEMENT NUMBER

5	3	2	l	2	2	2	l	l	3	l	52
		7	4	4	5	6	2	2	5	9	
		9	5	7	7	7	3	3	6	56	
		l0	6	8	9	l0	4	6	7		
		ll	7	9	l0	ll	5	7	8		
		l2	8	l4	ll	l2	8	9	9		
		l3	9	l5	l2	l6	9	l3	l0		
			ll	l6	l4	20	l0	l5	l5		
			l3	l7	l5	2l	ll	l7	52		
			l4	l8	l7	22	l2	73			
			l5	2l	l8	27	l5				
			l6	22	l9	28	l7				
				24	2l		l8				
				27	22		l9				
				29	23		20				
				33	27		2l				
					36		22				

MS17343	WLDO	22992-1101-83	ITT Cannon

CLASS: R FINISH: C, N STYLE: P, S

SHELL SIZE

18	32

INSERT ARRANGEMENT NUMBER

1	1
4	6
5	7
7	9
8	15
9	17
11	
13	
15	

MSl7344	QWLD-06	l2-44l8	Amphenol Aerospace - Connector Operations (1, 2)

CLASS: C, R FINISH: C, N STYLE: P, S

SHELL SIZE

l2	l4	l6	l8	20	22	24	28	32	36	40	44

INSERT ARRANGEMENT NUMBER

5	3	2	l	2	2	2	l	l	3	l	52
		7	4	4	5	6	2	2	5	9	
		9	5	7	7	7	3	3	6	56	
		l0	6	8	9	l0	4	6	7		
		ll	7	9	l0	ll	5	7	8		
		l2	8	l4	ll	l2	8	9	9		
		l3	9	l5	l2	l6	9	l3	l0		
			ll	l6	l4	20	l0	l5	l5		
			l3	l7	l5	2l	ll	l7	52		
			l4	l8	l7	22	l2	73			
			l5	2l	l8	27	l5				
			l6	22	l9	28	l7				
				24	2l		l8				
				27	22		l9				
				29	23		20				
				33	27		2l				
					36		22				

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
MS17344	WLD6	22992-1101-83	ITT Cannon

CLASS: R FINISH: C, N STYLE: P, S

SHELL SIZE	
18	32
INSERT ARRANGEMENT NUMBER	
1	1
4	6
5	7
7	9
8	15
9	17
11	
13	
15	

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
MSl7345	QWLD-0l	l2-44l8	Amphenol Aerospace - Connector Operations (1, 2)

CLASS: C, R FINISH: C, N STYLE: P, S

SHELL SIZE										
l2	l4	l6	l8	20	22	24	28	32	36	40	44
INSERT ARRANGEMENT NUMBER											
5	3	2	l	2	2	2	l	l	3	l	52
		7	4	4	5	6	2	2	5	9	
		9	5	7	7	7	3	3	6	56	
		l0	6	8	9	l0	4	6	7		
		ll	7	9	l0	ll	5	7	8		
		l2	8	l4	ll	l2	8	9	9		
		l3	9	l5	l2	l6	9	l3	l0		
			ll	l6	l4	20	l0	l5	l5		
			l3	l7	l5	2l	ll	l7	52		
			l4	l8	l7	22	l2	73			
			l5	2l	l8	27	l5				
			l6	22	l9	28	l7				
				24	2l		l8				
				27	22		l9				
				29	23		20				
				33	27		2l				
					36		22				

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
MSl7346	QWLD-02	l2-44l8	Amphenol Aerospace - Connector Operations (1, 2)

CLASS: C, R FINISH: C, N STYLE: P, S

SHELL SIZE										
l2	l4	l6	l8	20	22	24	28	32	36	40	44
INSERT ARRANGEMENT NUMBER											
5	3	2	l	2	2	2	l	l	3	l	52
		7	4	4	5	6	2	2	5	9	
		9	5	7	7	7	3	3	6	56	
		l0	6	8	9	l0	4	6	7		
		ll	7	9	l0	ll	5	7	8		
		l2	8	l4	ll	l2	8	9	9		
		l3	9	l5	l2	l6	9	l3	l0		
			ll	l6	l4	20	l0	l5	l5		
			l3	l7	l5	2l	ll	l7	52		
			l4	l8	l7	22	l2	73			
			l5	2l	l8	27	l5				
			l6	22	l9	28	l7				
				24	2l		l8				
				27	22		l9				
				29	23		20				
				33	27		2l				
					36		22				

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
MS17346	WLD2	22992-1101-83	ITT Cannon

CLASS: R FINISH: C, N STYLE: P, S

SHELL SIZE	
18	32
INSERT ARRANGEMENT NUMBER	
1	1
4	6
5	7
7	9
8	15
9	17
11	
13	
15	

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
MSl7347	QWLD-03	l2-44l8	Amphenol Aerospace - Connector Operations (1, 2)

CLASS: C, R FINISH: C, N STYLE: P, S

SHELL SIZE										
l2	l4	l6	l8	20	22	24	28	32	36	40	44
INSERT ARRANGEMENT NUMBER											
5	3	2	l	2	2	2	l	l	3	l	52
		7	4	4	5	6	2	2	5	9	
		9	5	7	7	7	3	3	6	56	
		l0	6	8	9	l0	4	6	7		
		ll	7	9	l0	ll	5	7	8		
		l2	8	l4	ll	l2	8	9	9		
		l3	9	l5	l2	l6	9	l3	l0		
			ll	l6	l4	20	l0	l5	l5		
			l3	l7	l5	2l	ll	l7	52		
			l4	l8	l7	22	l2	73			
			l5	2l	l8	27	l5				
			l6	22	l9	28	l7				
				24	2l		l8				
				27	22		l9				
				29	23		20				
				33	27		2l				
					36		22				

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
MSl7348	QWLD-09	l2-44l8	Amphenol Aerospace - Connector Operations (1, 2)

CLASS: C, R FINISH: C, N STYLE: P, S

SHELL SIZE										
l2	l4	l6	l8	20	22	24	28	32	36	40	44
INSERT ARRANGEMENT NUMBER											
5	3	2	l	2	2	2	l	l	3	l	52
		7	4	4	5	6	2	2	5	9	
		9	5	7	7	7	3	3	6	56	
		l0	6	8	9	l0	4	6	7		
		ll	7	9	l0	ll	5	7	8		
		l2	8	l4	ll	l2	8	9	9		
		l3	9	l5	l2	l6	9	l3	l0		
			ll	l6	l4	20	l0	l5	l5		
			l3	l7	l5	2l	ll	l7	52		
			l4	l8	l7	22	l2	73			
			l5	2l	l8	27	l5				
			l6	22	l9	28	l7				
				24	2l		l8				
				27	22		l9				
				29	23		20				
				33	27		2l				
					36		22				

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
MS17348	WLD7	22992-1101-83	ITT Cannon

CLASS: R FINISH: C, N STYLE: P, S

SHELL SIZE
18 32

INSERT ARRANGEMENT NUMBER
1 1
4 6
5 7
7 9
8 15
9 17
11
13
15

AN EXAMPLE OF THE GOVERNMENT DESIGNATION WHICH IDENTIFIES THE COVER OR RECEPTACLE IS SHOWN BELOW:

MSl7349	C	l2	A
MS NUMBER	FINISH	SHELL SIZE	TYPE (MSl7349 only)

MSl7349	QWLD COVER, RECEPTACLE	l2-44l8	Amphenol Aerospace - Connector Operations (1)

FINISH: C, N SHELL SIZE: l2 thru 40 TYPE: A, B

MS17349	GS17349	85049-026-96	Glenair, Inc.

FINISH: C, N SHELL SIZE: 12 thru 40 TYPE: A, B

MSl7350	QWLD COVER, PLUG	l2-44l8	Amphenol Aerospace - Connector Operations (1)

FINISH: C, N SHELL SIZE: l2 thru 40

MS17350	GS17350	85049-026-96	Glenair, Inc.

FINISH: C, N SHELL SIZE: 12 thru 40

MSl8062	QWLD, RECEPTACLE, DUMMY STOWAGE	l2-44l8	Amphenol Aerospace - Connector Operations (1)

FINISH: C, N SHELL SIZE: l2 thru 40

MS90555	10-4734 ( )	22992-165-73	Amphenol Aerospace - Connector Operations (1)
		22992-166-73	
		22992-167-73	
		22992-168-73	
		22992-1078-73	
		22992-804-75	
		22992-909-75	
		22992-716-76	
		22992-938-76	

FINISH: C, N STYLE: S

SHELL SIZE
28 32 44 52

INSERT ARRANGEMENT NUMBER
12 04 03 12
13 05 12 13
12 13
13 50

MS90556	10-4734 ( )	22992-165-73	Amphenol Aerospace - Connector Operations (1)
		22992-166-73	
		22992-167-73	
		22992-168-73	
		22992-1078-73	
		22992-804-75	
		22992-909-75	
		22992-716-76	
		22992-938-76	

FINISH: C, N STYLE: P

SHELL SIZE
28 32 44 52

INSERT ARRANGEMENT NUMBER
12 04 03 12
13 05 12 13
12 13
13 51
52
56

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
MS90557	10-4734 ( )	22992-165-73	Amphenol Aerospace - Connector Operations (1)
FINISH: C, N STYLE: S		22992-166-73	
SHELL SIZE		22992-167-73	
28 32 44 52		22992-168-73	
INSERT ARRANGEMENT NUMBER		22992-1078-73	
12 04 03 12		22992-804-75	
13 05 12 13		22992-909-75	
12 13		22992-716-76	
13 51		22992-938-76	
MS90558	10-4734 ( )	22992-165-73	Amphenol Aerospace - Connector Operations (1)
FINISH: C, N STYLE: P		22992-166-73	
SHELL SIZE		22992-167-73	
28 32 44 52		22992-168-73	
INSERT ARRANGEMENT NUMBER		22992-1078-73	
12 04 03 12		22992-804-75	
13 05 12 13		22992-909-75	
12 13		22992-716-76	
13 50		22992-938-76	
MS90562-l	ll-995l-43	22992-l078-73	Amphenol Aerospace - Connector Operations (1)
MS90562-3	ll-995l-3	22992-804-75	
MS90562-5	294-55l-0l	22992-123-74	
MS90562-6	294-55l-02	22992-123-74	
MS90562-5	274-80l3-000	22992-2ll-75	ITT Cannon
MS90562-6	274-80l4-000		
MS90563-lC	229-l34-28000	22992-909-75	Amphenol Aerospace - Connector Operations (1)
MS90563-3C	l0-473432-329	22992-165-73	
MS90563-4C	l0-473432-339	22992-l67-73	
MS90563-7C	l0-473432-449	22992-804-75	
MS90563-llC	l0-473432-529	22992-l078-72	
MS90563-7N	229-l42-44l00	22992-716-76	Amphenol Aerospace - Connector Operations (1)
MS90564-lC	229-l35-28000	22992-909-75	Amphenol Aerospace - Connector Operations (1)
MS90564-3C	l0-47343l-329	22992-l68-73	
MS90564-4C	l0-47343l-339	22992-l66-73	
MS90564-7C	l0-47343l-449	22992-804-73	
MS90564-llC	l0-47343l-529	22992-l078-73	
MS90564-7N	229-l4l-44l00	22992-7l6-76	Amphenol Aerospace - Connector Operations (1)

ADAPTERS ARE QUALIFIED TO ANY COMBINATION OF FINISH, ADAPTER SIZE, AND TYPE SHOWN. AN EXAMPLE OF THE GOVERNMENT DESIGNATION WHICH IDENTIFIES THE ADAPTER IS SHOWN BELOW:

MS90569	C	l	A
MS NUMBER	FINISH	ADAPTER SIZE	TYPE

MS90569 QWLD ADAPTER (STEP UP) GRIP l2-44l8 Amphenol Aerospace - Connector Operations (1)

FINISH: C, N TYPE: A, B

SHELL SIZE

l2	l4	l6	l8	20	22	24	28	32	36	40	44

ADAPTER SIZE NUMBER

l	4		8	9	l3	l5	l9	22	25	30	
2	5			l0	l4	l6	20	23	26	3l	
3	6			ll		l7	2l	24	27	32	
	7			l2		l8			28	33	
									29		

MANUFACTURER'S NAME, ADDRESS AND PLANT	CAGE CODE	
Amphenol Corp. Bendix Connector Operations 40-60 Delaware Avenue Sidney, NY 13838-1395 Plants: 1. Same Address 2. Products de Memoria S.A. de C.V. Carretera International Terrazas del cid Km 7.5 Nogales, Sonora, Mexico	77820	ASSEMBLY PLANTS FOR <u>BENDIX CONNECTOR OPERATIONS</u>: Amphenol East Asia, Ltd. Chungli Industrial Park Taoyuan, Taiwan, R.O.C. (Class R Only)
Glenair, Inc. 1211 Air Way Glendale, CA 91201-2497 Plant: Same Address	06324	Arrow PEMCO 9801 Legler Road Lenexa, KS 66219 Hamilton/Hall-Mark 11333 Pagemill Road Dallas, TX 75266
ITT Cannon 666 East Dyer Road Santa Ana, CA 92702-0929 Plants: 1. Same Address 2. ITT Cannon Prolongacion Avenieda Obregon #3673 Nogales, Sonora, Mexico	71468	Hamilton/Hall-Mark 2111 West Walnut Hill Lane Irving, TX 75062 Powell Electronics, Inc. South Island Road P.O. Box 8765 Philadelphia, PA 19101