QUALIFICATIONS VALIDATED
BIENNIALLY

QPL-227l0-23
31 May 1996
SUPERSEDING
QPL-227l0-22
1 August 1994

QUALIFIED PRODUCTS LIST

OF

PRODUCTS QUALIFIED UNDER MILITARY SPECIFICATION

MIL-S-227l0

SWITCH, CODE, INDICATING WHEEL (PRINTED CIRCUIT)

(THUMBWHEEL AND PUSHBUTTON)

GENERAL SPECIFICATION FOR

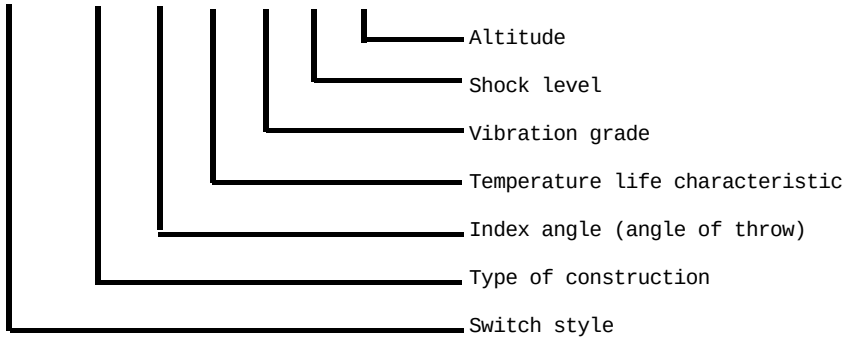
This list has been prepared for use by or for the Government in the acquisition of products covered by Specification MIL-S-227l0. Listing of a product is not intended to and does not connote indorsement of the product by the epartment of efense. All products listed herein have been qualified under the 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 ELECTRONICS SUPPLY CENTER (DESC-ELS), DAYTON, OH 45444-5764.

PART I

Type Designation

Example: SRPCOl B 30 A l M O



The type designation is read from left to right. When more than one level of performance is approved for a given characteristic, a letter or number will appear in a vertical column under that characteristic. A manufacturer is approved for any combination of characteristics listed.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI-CATION SHEET	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
Style SRPCll & Style SRPC0032 SRPCllB22B3MO 30 2H 36 l 45	Series 300	227l0-9l5-74	/ll	Digitran Co./Xcel Corp.
Style SRPCl2 SRPCl2B22B3MO 30 2H 36 l 45	Series 9000	227l0-9l6-74	/l2	Digitran Co./Xcel Corp.

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

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		PART I		
Style SRPCl4 SRPCl4B22B3MO 30 2 36 l 45	Series l3000	227l0-9l7-74	/l4	Digitran Co./Xcel Corp.
Style SRPCl5 SRPCl5D36B3MO 45 2HB l C	Series 200 & Series 700	227l0-9l8-74	/l5	Digitran Co./Xcel Corp.
Style SRPCl7 SRPCl7D36B3MO 45 2HB l C	Series l2000	227l0-946-74	/l7	Digitran Co./Xcel Corp.
Style SRPCl8 SRPCl8D30D3MO 36 2 B 45 l C	Type 28l2B	227l0-3l2-7l	/l8	Janco Corp.
Style SRPC20 SRPC20D36B3MO 45 2HB l C	Series 700 (Dual Lighting)	227l0-9l9-74	/20	Digitran Co./Xcel Corp.
Style SRPC23 SRPC23D30AlMO 36B2 B 453 C	Series 2900	227l0-l084-7l	/23	Janco Corp.
Style SRPC24 SRPC24D36BlM0 2HB 3 C	Series 24000	227l0-2l6-75	/24	Digitran Co./Xcel Corp.
Style SRPC30 SRPC30D22D3MC H	Type D22	227l0-881-84	/30	Janco Corp.
		PART II		
"M" Number Designation				
Example: M227l0/0l-00l - Manufacturer has approval for items listed.				
M227l0/l2-00l thru -300	9-D-70l thru -1000	227l0-9l6-74	/l2	Digitran Co./Xcel Corp.
M227l0/l5-00l thru -030	7-D-20l thru -230	227l0-9l8-74	/l5	Digitran Co./Xcel Corp.
M227l0/l5-03l thru -060	2-D-20l thru -230	227l0-9l8-74	/l5	Digitran Co./Xcel Corp.
M227l0/l5-06l thru -090	7-D-23l thru -260	227l0-9l8-74	/l5	Digitran Co./Xcel Corp.
M227l0/l5-09l thru -120	2-D-23l thru -260	227l0-9l8-74	/l5	Digitran Co./Xcel Corp.
M227l0/l5-l2l thru -150	7-D-26l thru -290	227l0-9l8-74	/l5	Digitran Co./Xcel Corp.
M227l0/l5-l5l thru -180	2-D-26l thru -290	227l0-9l8-74	/l5	Digitran Co./Xcel Corp.
M227l0/l5-l8l thru -240	7-D-29l thru -350	227l0-9l8-74	/l5	Digitran Co./Xcel Corp.
M227l0/l5-24l thru -270	2-D-29l thru -320	227l0-9l8-74	/l5	Digitran Co./Xcel Corp.
M227l0/l5-27l thru -330	7-D-35l thru -410	227l0-918-74	/l5	Digitran Co./Xcel Corp.
M227l0/l5-33l thru -360	2-D-32l thru -350	227l0-9l8-74	/l5	Digitran Co./Xcel Corp.
M227l0/l5-36l thru -390	7-D-4ll thru -440	227l0-9l8-74	/l5	Digitran Co./Xcel Corp.
M227l0/l5-39l thru -420	2-D-35l thru -380	227l0-9l8-74	/l5	Digitran Co./Xcel Corp.

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		PART II		
M227l0/l5-42l thru -450	7-D-44l thru -470	227l0-9l8-74	/l5	Digitran Co./Xcel Corp.
M22710/15-451 thru -480	7-D-1401 thru -1430	22710-918-74	/15	Digitran Co./Xcel Corp.
M22710/15-481 thru -510	2-D-601 thru -630	22710-918-74	/15	Digitran Co./Xcel Corp.
M22710/15-511 thru -540	7-D-1431 thru -1460	22710-918-74	/15	Digitran Co./Xcel Corp.
M22710/15-541 thru -570	2-D-631 thru -660	22710-918-74	/15	Digitran Co./Xcel Corp.
M22710/15-571 thru -600	7-D-1461 thru -1490	22710-918-74	/15	Digitran Co./Xcel Corp.
M22710/15-601 thru -630	2-D-661 thru -690	22710-918-74	/15	Digitran Co./Xcel Corp.
M22710/15-631 thru -690	7-D-1491 thru -1550	22710-918-74	/15	Digitran Co./Xcel Corp.
M22710/15-691 thru -720	2-D-691 thru -720	22710-918-74	/15	Digitran Co./Xcel Corp.
M22710/15-721 thru -780	7-D-1551 thru -1610	22710-918-74	/15	Digitran Co./Xcel Corp.
M22710/15-781 thru -810	2-D-721 thru -750	22710-918-74	/15	Digitran Co./Xcel Corp.
M22710/15-811 thru -840	7-D-1611 thru -1640	22710-918-74	/15	Digitran Co./Xcel Corp.
M22710/15-841 thru -870	2-D-751 thru -780	22710-918-74	/15	Digitran Co./Xcel Corp.
M22710/15-871 thru -900	7-D-1641 thru -1670	22710-918-74	/15	Digitran Co./Xcel Corp.
M227l0/l7-00l thru -060	l2-D-l0l thru -160	227l0-946-74	/l7	Digitran Co./Xcel Corp.
M227l0/l8-1UlA	2808B-A2A	227l0-668-85	/l8	Janco Corp.
M227l0/l8-1U1B	2808B-AlA			
M227l0/l8-1U2A	2808B-A2E			
M227l0/l8-1U2B	2808B-AlE			
M227l0/l8-1U3A	2808B-A2B			
M22710/18-1U3B	2808B-AlB			
M22710/18-1U4A	2808B-A2C			
M22710/18-1U4B	2808B-AlC			
M22710/18-1U5A	2808B-A2D			
M22710/18-1U5B	2808B-AlD			
M22710/18-1U6A	2810B-A2A			
M22710/18-1U6B	2810B-AlA			
M22710/18-1U7A	2810B-A2F			
M22710/18-1U7B	2810B-AlF			
M22710/18-1U8A	2810B-A2B			
M22710/18-1U8B	2810B-AlB			
M22710/18-1U9A	2810B-A2C			
M22710/18-1U9B	2810B-AlC			
M22710/18-1U10A	2810B-A2D			
M22710/18-1U10B	2810B-AlD			
M22710/18-1U1lA	28l0B-A2E			
M22710/18-1U11B	28l0B-AlE			
M22710/18-1U12A	28l2B-A2A			
M22710/18-1U12B	28l2B-AlA			
M22710/18-1U13A	28l2B-A2D			
M22710/18-1U13B	28l2B-AlD			
M22710/18-1U14A	28l2B-A2B			
M22710/18-1U14B	28l2B-AlB			
M22710/18-1U15A	28l2B-A2C			
M22710/18-1U15B	28l2B-AlC			
M22710/18-1SlA	2808B-A2ASP			
M22710/18-1S1B	2808B-AlASP			
M22710/18-1S2A	2808B-A2ESP			
M22710/18-1S2B	2808B-AlESP			
M22710/18-1S3A	2808B-A2BSP			
M22710/18-1S3B	2808B-AlBSP			
M22710/18-1S4A	2808B-A2CSP			
M22710/18-1S4B	2808B-AlCSP			
M22710/18-1S5A	2808B-A2DSP			

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI-CATION SHEET	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
		PART II		
M22710/18-1S5B	2808B-AlDSP	227l0-668-85	/l8	Janco Corp. (Continued)
M22710/18-1S6A	28l0B-A2ASP			
M22710/18-1S6B	28l0B-AlASP			
M22710/18-1S7A	28l0B-A2FSP			
M22710/18-1S7B	28l0B-AlFSP			
M22710/18-1S8A	28l0B-A2BSP			
M22710/18-1S8B	28l0B-AlBSP			
M22710/18-1S9A	28l0B-A2CSP			
M22710/18-1S9B	28l0B-AlCSP			
M22710/18-1S10A	28l0B-A2DSP			
M22710/18-1S10B	28l0B-AlDSP			
M22710/18-1S1lA	28l0B-A2ESP			
M22710/18-1S11B	28l0B-AlESP			
M22710/18-1S12A	28l2B-A2ASP			
M22710/18-1S12B	28l2B-AlASP			
M22710/18-1S13A	28l2B-A2DSP			
M22710/18-1S13B	28l2B-AlDSP			
M22710/18-1S14A	28l2B-A2ESP			
M22710/18-1S14B	28l2B-AlBSP			
M22710/18-1S15A	28l2B-A2CSP			
M22710/18-1S15B	28l2B-AlCSP			
M227l0/20-00l thru -020	7-D-70l thru -720	227l0-9l9-74	/20	Digitran Co./Xcel Corp.
M227l0/20-02l thru -040	2-D-40l thru -420	227l0-9l9-74	/20	Digitran Co./Xcel Corp.
M227l0/20-04l thru -060	7-D-72l thru -740	227l0-9l9-74	/20	Digitran Co./Xcel Corp.
M227l0/20-06l thru -080	2-D-42l thru -440	227l0-9l9-74	/20	Digitran Co./Xcel Corp.
M227l0/20-08l thru -100	7-D-74l thru -760	227l0-9l9-74	/20	Digitran Co./Xcel Corp.
M227l0/20-l0l thru -120	2-D-44l thru -460	227l0-9l9-74	/20	Digitran Co./Xcel Corp.
M227l0/20-l2l thru -160	7-D-76l thru -800	227l0-9l9-74	/20	Digitran Co./Xcel Corp.
M227l0/20-l6l thru -180	2-D-46l thru -480	227l0-9l9-74	/20	Digitran Co./Xcel Corp.
M227l0/20-l8l thru -220	7-D-80l thru -840	227l0-9l9-74	/20	Digitran Co./Xcel Corp.
M227l0/20-22l thru -240	2-D-48l thru -500	227l0-9l9-74	/20	Digitran Co./Xcel Corp.
M227l0/20-24l thru -260	7-D-84l thru -860	227l0-9l9-74	/20	Digitran Co./Xcel Corp.
M227l0/20-26l thru -280	2-D-50l thru -520	227l0-9l9-74	/20	Digitran Co./Xcel Corp.
M227l0/20-28l thru -302	7-D-86l thru -882	227l0-9l9-74	/20	Digitran Co./Xcel Corp.
M22710/20-303 thru -322	7-D-1201 thru -1220	22710-919-74	/20	Digitran Co./Xcel Corp.
M22710/20-323 thru -342	2-D-801 thru -820	22710-919-74	/20	Digitran Co./Xcel Corp.
M22710/20-343 thru -362	7-D-1221 thru -1240	22710-919-74	/20	Digitran Co./Xcel Corp.
M22710/20-363 thru -382	2-D-821 thru -840	22710-919-74	/20	Digitran Co./Xcel Corp.
M22710/20-383 thru -402	7-D-1241 thru -1260	22710-919-74	/20	Digitran Co./Xcel Corp.
M22710/20-403 thru -422	2-D-841 thru -860	22710-919-74	/20	Digitran Co./Xcel Corp.
M22710/20-423 thru -462	7-D-1261 thru -1300	22710-919-74	/20	Digitran Co./Xcel Corp.
M22710/20-463 thru -482	2-D-861 thru -880	22710-919-74	/20	Digitran Co./Xcel Corp.
M22710/20-483 thru -522	7-D-1301 thru -1340	22710-919-74	/20	Digitran Co./Xcel Corp.

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		PART II		
M22710/20-523 thru -542	2-D-881 thru -900	22710-919-74	/20	Digitran Co./Xcel Corp.
M22710/20-543 thru -562	7-D-1341 thru -1360	22710-919-74	/20	Digitran Co./Xcel Corp.
M22710/20-563 thru -582	2-D-901 thru -920	22710-919-74	/20	Digitran Co./Xcel Corp.
M22710/20-583 thru -602	7-D-1361 thru -1380	22710-919-74	/20	Digitran Co./Xcel Corp.
M22710/23-00l	2908M-A2A4	227l0-669-85	/23	Janco Corp.
M22710/23-002	2908M-AlA4			
M22710/23-003	2908M-A2AS4			
M22710/23-004	2908M-AlAS4			
M22710/23-005	2908M-A2ASP4			
M22710/23-006	2908M-AlASP4			
M22710/23-007	2908M-A2ALC4			
M22710/23-008	2908M-A2ALCS4			
M22710/23-009	2908M-A2ALCSP4			
M22710/23-0l0	2908M-A2ALR4			
M22710/23-0ll	2908M-A2ALRS4			
M22710/23-0l2	2908M-A2ALRSP4			
M22710/23-0l3	2908M-A2B4			
M22710/23-0l4	2908M-AlB4			
M22710/23-0l5	2908M-A2BS4			
M22710/23-0l6	2908M-AlBS4			
M22710/23-0l7	2908M-A2BSP4			
M22710/23-0l8	2908M-AlBSP4			
M22710/23-0l9	2908M-A2BLC4			
M22710/23-020	2908M-A2BLCS4			
M22710/23-02l	2908M-A2BLCSP4			
M22710/23-022	2908M-A2BLR4			
M22710/23-023	2908M-A2BLRS4			
M22710/23-024	2908M-A2BLRSP4			
M22710/23-025	2908M-A2C4			
M22710/23-026	2908M-AlC4			
M22710/23-027	2908M-A2CS4			
M22710/23-028	2908M-AlCS4			
M22710/23-029	2908M-A2CSP4			
M22710/23-030	2908M-AlCSP4			
M22710/23-03l	2908M-A2CLC4			
M22710/23-032	2908M-A2CLCS4			
M22710/23-033	2908M-A2CLCSP4			
M22710/23-034	2908M-A2CLR4			
M22710/23-035	2908M-A2CLRS4			
M22710/23-036	2908M-A2CLRSP4			
M22710/23-037	2910M-A2A4			
M22710/23-038	2910M-AlA4			
M22710/23-039	2910M-A2AS4			
M22710/23-040	2910M-AlAS4			
M22710/23-04l	2910M-A2ASP4			
M22710/23-042	2910M-AlASP4			
M22710/23-043	2910M-A2ALC4			
M22710/23-044	2910M-A2ALCS4			
M22710/23-045	2910M-A2ALCSP4			
M22710/23-046	2910M-A2ALR4			
M22710/23-047	2910M-A2ALRS4			
M22710/23-048	2910M-A2ALRSP4			
M22710/23-049	2910M-A2B4			
M22710/23-050	2910M-AlB4			
M22710/23-05l	2910M-A2BS4			
M22710/23-052	2910M-AlBS4			
M22710/23-053	2910M-A2BSP4			
M22710/23-054	2910M-AlBSP4			
M22710/23-055	2910M-A2BLC4			
M22710/23-056	2910M-A2BLCS4			
M22710/23-057	2910M-A2BLCSP4			
M22710/23-058	2910M-A2BLR4			
M22710/23-059	2910M-A2BLRS4			

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		PART II		
M22710/23-060	2910M-A2BLRSP4	227l0-669-85	/23	Janco Corp. (Continued)
M22710/23-06l	2910M-A2C4			
M22710/23-062	2910M-AlC4			
M22710/23-063	2910M-A2CS4			
M22710/23-064	2910M-AlCS4			
M22710/23-065	2910M-A2CSP4			
M22710/23-066	2910M-AlCSP4			
M22710/23-067	2910M-A2CLC4			
M22710/23-068	2910M-A2CLCS4			
M22710/23-069	2910M-A2CLCSP4			
M22710/23-070	2910M-A2CLR4			
M22710/23-07l	2910M-A2CLRS4			
M22710/23-072	2910M-A2CLRSP4			
M22710/23-073	2910M-A2D4			
M22710/23-074	2910M-AlD4			
M22710/23-075	2910M-A2S4			
M22710/23-076	2910M-AlDS4			
M22710/23-077	2910M-A2DSP4			
M22710/23-078	2910M-AlDSP4			
M22710/23-079	2910M-A2DLC4			
M22710/23-080	2910M-A2DLCS4			
M22710/23-08l	2910M-A2DLCSP4			
M22710/23-082	2910M-A2DLR4			
M22710/23-083	2910M-A2DLRS4			
M22710/23-084	2910M-A2DLRSP4			
M22710/23-085	2910M-A2E4			
M22710/23-086	2910M-AlE4			
M22710/23-087	2910M-A2ES4			
M22710/23-088	2910M-AlES4			
M22710/23-089	2910M-A2ESP4			
M22710/23-090	2910M-AlESP4			
M22710/23-09l	2910M-A2ELC4			
M22710/23-092	2910M-A2ELCS4			
M22710/23-093	2910M-A2ELCSP4			
M22710/23-094	2910M-A2ELR4			
M22710/23-095	2910M-A2ELRS4			
M22710/23-096	2910M-A2ELRSP4			
M22710/23-097	2912M-A2A4			
M22710/23-098	2912M-AlA4			
M22710/23-099	2912M-A2AS4			
M22710/23-l00	2912M-AlAS4			
M22710/23-l0l	2912M-A2ASP4			
M22710/23-l02	2912M-AlASP4			
M22710/23-l03	2912M-A2SLC4			
M22710/23-l04	2912M-A2ALCS4			
M22710/23-l05	2912M-A2ALCSP4			
M22710/23-l06	2912M-A2ALR4			
M22710/23-l07	2912M-A2ALRS4			
M22710/23-l08	2912M-A2ALRSP4			
M22710/23-l09	2912M-A2B4			
M22710/23-ll0	2912M-AlB4			
M22710/23-lll	2912M-A2BS4			
M22710/23-ll2	2912M-AlBS4			
M22710/23-ll3	2912M-A2BSP4			
M22710/23-ll4	2912M-AlBSP4			
M22710/23-ll5	2912M-A2BLC4			
M22710/23-ll6	2912M-A2BLCS4			
M22710/23-ll7	2912M-A2BLCSP4			
M22710/23-ll8	2912M-A2BLR4			
M22710/23-ll9	2912M-A2BLRS4			
M22710/23-l20	2912M-A2BLRSP4			
M227l0/24-00l thru -026	24l thru 2426	227l0-699-77	/24	Digitran Co

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		PART II		
M22710/30-A3A	D22BA2ASP	22710-881-84	/30	Janco Corp.
M22710/30-A3B	D22D2BA2ALCSP			
M22710/30-A3C	D22BA2ALRSP			
M22710/30-A3D	D22BA1ASP			
M22710/30-A3E	D22BA1ALCSP			
M22710/30-A3F	D22BA1ALRSP			
M22710/30-A4A	D22BA2BSP			
M22710/30-A4B	D22BA2BLCSP			
M22710/30-A4C	D22BA2BLRSP			
M22710/30-A4D	D22BA1BSP			
M22710/30-A4E	D22BA1BLCSP			
M22710/30-A4F	D22BA1BLRSP			
M22710/30-B3A	D22BA2ASP	22710-881-84	/30	Janco Corp.
M22710/30-B3B	D2BA2ALCSP			
M22710/30-B3C	D22BA2ALRSP			
M22710/30-B3D	D22BA1ASP			
M22710/30-B3E	D22BA1ALCSP			
M22710/30-B3F	D22A1ALRSP			
M22710/30-B4A	D22BA2BSP			
M22710/30-B4B	D22BA2BLCSP			
M22710/30-B4C	D22BA2BLRSP			
M22710/30-B4D	D22BA1BSP			
M22710/30-B4E	D22BA1BLCSP			
M22710/30-B4F	D22BA1BLRSP			

MANUFACTURER'S NAME, ADDRESS AND PLANT	CAGE CODE
Digitran Company A Division of Xcel Corp. 4290 East Brickell Street Ontario, CA 91761	07126
Janco Corporation 3lll Winona Avenue Burbank, CA 9l504 Plant: Same Address	9l8l2