



# MIL SPEC/QPL HIGH DENSITY RECTANGULAR CONNECTORS TECHNICAL SPECIFICATION

MIL SPEC P/N	CW PART NUMBER	TYPE	TERMINAL	PIN LENGTH	# PINS	PLATING	POLARIZATION
M28804/11-2N	CCM-20-038-1001	PIN	SOLDER TAIL	.250 +/- .025	38	BECU50AU/50NI	N
M28804/11-2V	CCM-20-038-1002	PIN	SOLDER TAIL	.250 +/- .025	38	BECU50AU/50NI	V
M28804/11-2W	CCM-20-038-1003	PIN	SOLDER TAIL	.250 +/- .025	38	BECU50AU/50NI	W
M28804/11-2X	CCM-20-038-1004	PIN	SOLDER TAIL	.250 +/- .025	38	BECU50AU/50NI	X
M28804/11-2Y	CCM-20-038-1005	PIN	SOLDER TAIL	.250 +/- .025	38	BECU50AU/50NI	Y
M28804/11-2Z	CCM-20-038-1006	PIN	SOLDER TAIL	.250 +/- .025	38	BECU50AU/50NI	Z
M28804/11-3N	CCM-20-088-1007	PIN	SOLDER TAIL	.250 +/- .025	88	BECU50AU/50NI	N
M28804/11-3V	CCM-20-088-1008	PIN	SOLDER TAIL	.250 +/- .025	88	BECU50AU/50NI	V
M28804/11-3W	CCM-20-088-1009	PIN	SOLDER TAIL	.250 +/- .025	88	BECU50AU/50NI	W
M28804/11-3X	CCM-20-088-1010	PIN	SOLDER TAIL	.250 +/- .025	88	BECU50AU/50NI	X
M28804/11-3Y	CCM-20-088-1011	PIN	SOLDER TAIL	.250 +/- .025	88	BECU50AU/50NI	Y
M28804/11-3Z	CCM-20-088-1012	PIN	SOLDER TAIL	.250 +/- .025	88	BECU50AU/50NI	Z
M28804/11-5N	CCM-20-132-1019	PIN	SOLDER TAIL	.250 +/- .025	132	BECU50AU/50NI	N
M28804/11-5V	CCM-20-132-1020	PIN	SOLDER TAIL	.250 +/- .025	132	BECU50AU/50NI	V
M28804/11-5W	CCM-20-132-1021	PIN	SOLDER TAIL	.250 +/- .025	132	BECU50AU/50NI	W
M28804/11-5X	CCM-20-132-1022	PIN	SOLDER TAIL	.250 +/- .025	132	BECU50AU/50NI	X
M28804/11-5Y	CCM-20-132-1023	PIN	SOLDER TAIL	.250 +/- .025	132	BECU50AU/50NI	Y
M28804/11-5Z	CCM-20-132-1024	PIN	SOLDER TAIL	.250 +/- .025	132	BECU50AU/50NI	Z
M28804/7-2N	CCM-22-038-1001	SOCKET	SOLDER TAIL	.250 +/- .025	38	17410 50AU/50NI	N
M28804/7-2V	CCM-22-038-1002	SOCKET	SOLDER TAIL	.250 +/- .025	38	17410 50AU/50NI	V
M28804/7-2W	CCM-22-038-1003	SOCKET	SOLDER TAIL	.250 +/- .025	38	17410 50AU/50NI	W
M28804/7-2X	CCM-22-038-1004	SOCKET	SOLDER TAIL	.250 +/- .025	38	17410 50AU/50NI	X
M28804/7-2Y	CCM-22-038-1005	SOCKET	SOLDER TAIL	.250 +/- .025	38	17410 50AU/50NI	Y
M28804/7-2Z	CCM-22-038-1006	SOCKET	SOLDER TAIL	.250 +/- .025	38	17410 50AU/50NI	Z
M28804/7-3N	CCM-22-088-1007	SOCKET	SOLDER TAIL	.250 +/- .025	88	17410 50AU/50NI	N
M28804/7-3V	CCM-22-088-1008	SOCKET	SOLDER TAIL	.250 +/- .025	88	17410 50AU/50NI	V
M28804/7-3W	CCM-22-088-1009	SOCKET	SOLDER TAIL	.250 +/- .025	88	17410 50AU/50NI	W
M28804/7-3X	CCM-22-088-1009	SOCKET	SOLDER TAIL	.250 +/- .025	88	17410 50AU/50NI	X
M28804/7-3Y	CCM-22-088-1011	SOCKET	SOLDER TAIL	.250 +/- .025	88	17410 50AU/50NI	Y
M28804/7-3Z	CCM-22-088-1012	SOCKET	SOLDER TAIL	.250 +/- .025	88	17410 50AU/50NI	Z
M28804/7-5N	CCM-22-132-1019	SOCKET	SOLDER TAIL	.250 +/- .025	132	17410 50AU/50NI	N
M28804/7-5V	CCM-22-132-1020	SOCKET	SOLDER TAIL	.250 +/- .025	132	17410 50AU/50NI	V
M28804/7-5W	CCM-22-132-1021	SOCKET	SOLDER TAIL	.250 +/- .025	132	17410 50AU/50NI	W
M28804/7-5X	CCM-22-132-1022	SOCKET	SOLDER TAIL	.250 +/- .025	132	17410 50AU/50NI	X
M28804/7-5Y	CCM-22-132-1023	SOCKET	SOLDER TAIL	.250 +/- .025	132	17410 50AU/50NI	Y
M28804/7-5Z	CCM-22-132-1024	SOCKET	SOLDER TAIL	.250 +/- .025	132	17410 50AU/50NI	Z

NOTE: Polarization shall be accomplished by keys and shall be as specified. Polarization shall be accomplished before engagement of pins and sockets.  
Cage Code: 79727  
ITAR: M22285



# NAVSEA HIGH DENSITY RECTANGULAR CONNECTORS TECHNICAL SPECIFICATION

NAVSEA P/N	CW PART NUMBER	TYPE	TERMINAL	PIN LENGTH	# PINS	PLATING	POLARIZATION
5189014-013	CCM-11-050-0013	RETAINING CLIP	NONE	N/A	50	N/A	216/321
5189014-016	CCM-11-050-0016	RETAINING CLIP	NONE	N/A	50	N/A	321/321
5189014-025	CCM-11-050-0025	RETAINING CLIP	NONE	N/A	50	N/A	None
5189014-026	CCM-11-050-0026	RETAINING CLIP	NONE	N/A	50	N/A	Bosses not installed
5189014-027	CCM-11-050-0027	RETAINING CLIP	NONE	N/A	50	N/A	216/216
5189096-37	CCM-12-050-0037	PIN	RIGHT ANGLE	N/A	50	PBA50AU-100SNDUP	None
5189096-38	CCM-12-050-0038	PIN	RIGHT ANGLE	N/A	50	PBA50AU-100SNDUP	Bosses not installed
5189097-150	CCM-13-050-0150	PIN	WIRE WRAP	N/A	50	PBA 50AU/50NI	Bosses not installed
5189097-151	CCM-13-050-0151	PIN	WIRE WRAP	N/A	50	PBA 50AU/50NI	Bosses not installed
3164342-001	CCM-20-038-0001	PIN	SOLDER TAIL	.250 +/- .025	38	BECU50AU/50NI	N
3164342-002	CCM-20-038-0002	PIN	SOLDER TAIL	.250 +/- .025	38	BECU50AU/50NI	V
3164342-003	CCM-20-038-0003	PIN	SOLDER TAIL	.250 +/- .025	38	BECU50AU/50NI	W
3164342-004	CCM-20-038-0004	PIN	SOLDER TAIL	.250 +/- .025	38	BECU50AU/50NI	X
3164342-005	CCM-20-038-0005	PIN	SOLDER TAIL	.250 +/- .025	38	BECU50AU/50NI	Y
3164342-006	CCM-20-038-0006	PIN	SOLDER TAIL	.250 +/- .025	38	BECU50AU/50NI	Z
3164342-007	CCM-20-088-0007	PIN	SOLDER TAIL	.250 +/- .025	88	BECU50AU/50NI	N
3164342-008	CCM-20-088-0008	PIN	SOLDER TAIL	.250 +/- .025	88	BECU50AU/50NI	V
3164342-009	CCM-20-088-0009	PIN	SOLDER TAIL	.250 +/- .025	88	BECU50AU/50NI	W
3164342-010	CCM-20-088-0010	PIN	SOLDER TAIL	.250 +/- .025	88	BECU50AU/50NI	X
3164342-011	CCM-20-088-0011	PIN	SOLDER TAIL	.250 +/- .025	88	BECU50AU/50NI	Y
3164342-012	CCM-20-088-0012	PIN	SOLDER TAIL	.250 +/- .025	88	BECU50AU/50NI	Z
3164342-013	CCM-20-108-0013	PIN	SOLDER TAIL	.250 +/- .025	108	BECU50AU/50NI	N
3164342-019	CCM-20-132-0019	PIN	SOLDER TAIL	.250 +/- .025	132	BECU50AU/50NI	N
3164342-020	CCM-20-132-0020	PIN	SOLDER TAIL	.250 +/- .025	132	BECU50AU/50NI	V
3164342-021	CCM-20-132-0021	PIN	SOLDER TAIL	.250 +/- .025	132	BECU50AU/50NI	W
3164342-022	CCM-20-132-0022	PIN	SOLDER TAIL	.250 +/- .025	132	BECU50AU/50NI	X
3164342-023	CCM-20-132-0023	PIN	SOLDER TAIL	.250 +/- .025	132	BECU50AU/50NI	Y
3164342-024	CCM-20-132-0024	PIN	SOLDER TAIL	.250 +/- .025	132	BECU50AU/50NI	Z
3217495-001	CCM-21-050-0001	PIN	SOLDER TAIL	.250 +/- .025	50	BECU50AU/50NI	N
3217495-007	CCM-21-050-0007	PIN	SOLDER TAIL	.250 +/- .025	50	BECU50AU/50NI	N
3164341-001	CCM-22-038-0001	SOCKET	SOLDER TAIL	.250 +/- .025	38	17410 50AU/50NI	N
3164341-002	CCM-22-038-0002	SOCKET	SOLDER TAIL	.250 +/- .025	38	17410 50AU/50NI	V
3164341-003	CCM-22-038-0003	SOCKET	SOLDER TAIL	.250 +/- .025	38	17410 50AU/50NI	W
3164341-004	CCM-22-038-0004	SOCKET	SOLDER TAIL	.250 +/- .025	38	17410 50AU/50NI	X
3164341-005	CCM-22-038-0005	SOCKET	SOLDER TAIL	.250 +/- .025	38	17410 50AU/50NI	Y
3164341-006	CCM-22-038-0006	SOCKET	SOLDER TAIL	.250 +/- .025	38	17410 50AU/50NI	Z
3164341-007	CCM-22-088-0007	SOCKET	SOLDER TAIL	.250 +/- .025	88	17410 50AU/50NI	N
3164341-008	CCM-22-088-0008	SOCKET	SOLDER TAIL	.250 +/- .025	88	17410 50AU/50NI	V
3164341-009	CCM-22-088-0009	SOCKET	SOLDER TAIL	.250 +/- .025	88	17410 50AU/50NI	W
3164341-010	CCM-22-088-0010	SOCKET	SOLDER TAIL	.250 +/- .025	88	17410 50AU/50NI	X
3164341-011	CCM-22-088-0011	SOCKET	SOLDER TAIL	.250 +/- .025	88	17410 50AU/50NI	Y
3164341-012	CCM-22-088-0012	SOCKET	SOLDER TAIL	.250 +/- .025	88	17410 50AU/50NI	Z
3164341-033	CCM-22-088-0033	SOCKET	SOLDER TAIL	.350 +/- .025	88	17410 50AU/50NI	W
3164341-049	CCM-22-088-0049	SOCKET	SOLDER TAIL	.230 +/- .010	88	17410 50AU/50NI	V
3164341-050	CCM-22-088-0050	SOCKET	SOLDER TAIL	.080 +/- .010	88	17410 50AU/50NI	N
3164341-013	CCM-22-108-0013	SOCKET	SOLDER TAIL	.250 +/- .025	108	17410 50AU/50NI	N
3164341-019	CCM-22-132-0019	SOCKET	SOLDER TAIL	.250 +/- .025	132	17410 50AU/50NI	N
3164341-020	CCM-22-132-0020	SOCKET	SOLDER TAIL	.250 +/- .025	132	17410 50AU/50NI	V
3164341-021	CCM-22-132-0021	SOCKET	SOLDER TAIL	.250 +/- .025	132	17410 50AU/50NI	W
3164341-022	CCM-22-132-0022	SOCKET	SOLDER TAIL	.250 +/- .025	132	17410 50AU/50NI	X
3164341-023	CCM-22-132-0023	SOCKET	SOLDER TAIL	.250 +/- .025	132	17410 50AU/50NI	Y
3164341-024	CCM-22-132-0024	SOCKET	SOLDER TAIL	.250 +/- .025	132	17410 50AU/50NI	Z
3164341-051	CCM-22-132-0051	SOCKET	SOLDER TAIL	.095 +/- .010	132	17410 50AU/50NI	Y
3217496-001	CCM-23-050-0001	SOCKET	SOLDER TAIL	.250 +/- .025	50	17410 50AU/50NI	N

NOTE: Polarization shall be accomplished by keys and shall be as specified. Polarization shall be accomplished before engagement of pins and sockets.

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