

1. THIS CONNECTOR ASSEMBLY IS SUPPLIED WITH METAL CONTACT RETENTION CLIPS INSTALLED IN THE INSERT ASSEMBLY.

2. THIS CONNECTOR ASSEMBLY MEETS THE REQUIREMENTS OF MIL-C-24308 AND MATES WITH ANY PLUG CONNECTOR WITH SAME INSERT ARRANGEMENT.

△ MARK WITH .047 [1.19]—.062 [1.57] HIGH CHARACTERS.
FAR SIDE REFERS TO THE WIDE SIDE OF THE KEYSTONE.
NEAR SIDE REFERS TO THE NARROW SIDE OF THE KEYSTONE.
IF THE REAR SHELL IS TOO SMALL FOR THE ENTIRE MILITARY
PART NUMBER, MARKING SHALL BE LOCATED AS FOLLOWS:

- "M24308" ON FRONT SHELL, FAR SIDE.
- SLASH SHEET AND DASH NUMBER ON REAR SHELL, FAR SIDE.
- "AMP" AND DATE CODE ON FRONT SHELL, NEAR SIDE.
- AMP PART NUMBER ON REAR SHELL, NEAR SIDE.

IF THE FRONT SHELL IS TOO SMALL FOR "AMP", AMP PART NUMBER AND DATE CODE, THEN SPLIT AS FOLLOWS:

A. AMP PART NUMBER ON REAR SHELL, NEAR SIDE.

B. "AMP" AND DATE CODE ON FRONT SHELL, NEAR SIDE.

C. MILITARY PART NUMBER ON REAR SHELL, FAR SIDE.

4 POINT OF ELECTRICAL ENGAGEMENT - AS MEASURED WITH A .039 [0.99] - .041 [1.04] DIAMETER SQUARE ENDED TEST PIN. CONTACT SHOWN INSTALLED FOR DIMENSIONAL REFERENCE ONLY.

5. MAXIMUM WIRE INSULATION TO BE USED WITH THIS CONNECTOR ASSEMBLY IS .072 [1.83] DIAMETER.

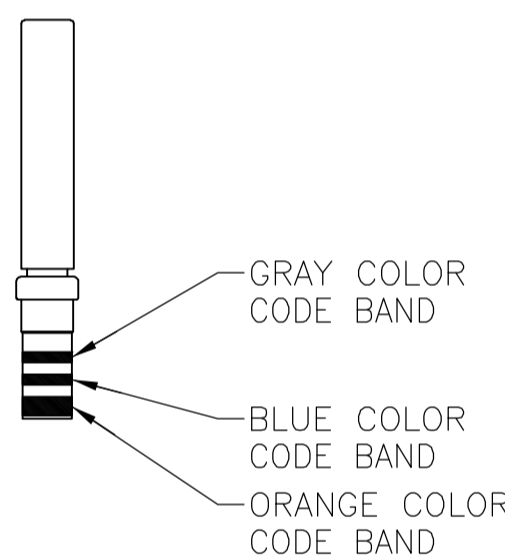
6. FOR CONTACT CRIMPING INSTRUCTION SHEET REFER TO AMP IS 408-7516.
FOR CONTACT INSTALLATION AND REMOVAL INSTRUCTION SHEET REFER TO
AMP IS 408-7508.

△ FLOAT SPECIFICATIONS ARE .004 [0.10]–.012 [0.30]
VERTICALLY AND .026 [0.66]–.036 [0.91] HORIZONTALLY.

 PART NUMBER FOR ORDERING.

9. DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1982.


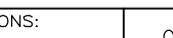
10. THIS DRAWING SHALL BE INTERPRETED IN ACCORDANCE WITH APPLICABLE STANDARDS LISTED IN MIL-STD-100.



CONTACT
MIL P/N M39029/63-368
AMP P/N 205090-1



.049 .029	1.24 0.74	.544 .524	13.82 13.31	2.188 2.168	55.58 55.07			.620 .590	15.75 14.99	.428 .418	10.87 10.62	2.411 2.401	61.24 60.99	2.069 2.059	52.55 52.30	2.650 2.620	67.31 66.55	MS18277-1	50	5	M24308/6-263F	M24308/6-263F	593043-5	593043-5				
				2.282 2.262	57.96 57.45					2.505 2.495	63.63 63.37	2.164 2.154	54.97 54.71	2.744 2.714	69.70 68.94	MS18276-1	37	4	M24308/6-262F	M24308/6-262F	593043-4	593043-4						
				1.635 1.615	41.53 41.02			.248 .238	6.30 6.05	.439 .419	11.15 10.64	.509 .479	12.93 12.17	.316 .306	8.03 7.77	1.857 1.847	47.17 46.91	1.516 1.506	38.51 38.25	2.103 2.073	53.42 52.65	MS18275-1	25	3	M24308/6-261F	M24308/6-261F	593043-3	593043-3
				1.093 1.073	27.76 27.25							1.317 1.307	33.45 33.20	.976 .966	28.79 24.54	1.556 1.526	39.52 38.76	MS18274-1	15	2	M24308/6-260F	M24308/6-260F	593043-2	593043-2				
				.769 .749	19.53 19.02							.989 .979	25.12 24.87	.648 .638	16.46 16.21	1.228 1.198	31.19 30.43	MS18273-1	9	1	M24308/6-259F	M24308/6-259F	593043-1	593043-1				
		L	J	H	G			F	E	D	C	B	A	INSERT ARRANGEMENT	NO OF POS	SHELL SIZE	PACKAGE MILITARY P/N	MILITARY P/N ON CONNECTOR	AMP P/N ON CONNECTOR	PART NUMBER								

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWR 11-17-92 J. GRAFF		 Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: INCHES 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 P.L.C. ± . 1 P.L.C. ± . 2 P.L.C. ± . 3 P.L.C. ± . 4 P.L.C. ± . ANGLES ± .		APD 18NOV92 F. KINSEY PRODUCT SPEC MIL-C-24308 APPLICATION SPEC	
MATERIAL SEE CALLOUTS		FINISH SEE CALLOUTS		NAME AMPLITE NONMAGNETIC RECEPTACLE ASSY WITH SIZE 20 CRIMP TYPE SOCKET CONTACTS, SERIES 109, FLOATING BUSHING.	
		WEIGHT —		SIZE A1 GAGE CODE 00779 DRAWING NO C-593043	
CUSTOMER DRAWING		SCALE 4:1		SHEET 1 OF 1 REV B	