

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 THE SAME INSERT ARRANGEMENT.

- 3 THE PART NUMBER MARKED ON THE CONNECTOR DIFFERS FROM THE PART NUMBER ORDERED DUE TO THE MARKING REQUIREMENTS OF MIL-C-24308/6 (PART NUMBER MARKED ON CONNECTOR REPRESENTS CONNECTOR ASSEMBLY WITH CONTACTS). 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:

- A. "M24308" ON FRONT SHELL, FAR SIDE.
- B. SLASH SHEET AND DASH NUMBER ON REAR SHELL, FAR SIDE.
- C. "AMP" AND DATE CODE ON FRONT SHELL, NEAR SIDE.
- D. 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 .0295 [0.749] – .0305 [0.775] DIAMETER SQUARE ENDED TEST PIN. CONTACT SHOWN INSTALLED FOR DIMENSIONAL REFERENCE ONLY.

5. MAXIMUM WIRE INSULATION TO BE USED WITH THIS CONNECTOR ASSEMBLY IS .054 [1.37] 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.

-  PART NUMBER FOR ORDERING.

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

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

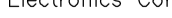


## CONTACT

MIL P/N M39029/57-354  
AMP P/N 204351-1



.049 .029	[ 1.24 [ 0.74]	.544 [ 13.82 .524 [ 13.31]	2.188 55.58 2.168 55.07			.620 [ 15.75 .590 [ 14.99]	.428 [ 10.87 .418 [ 10.62]	2.411 [ 61.24 2.401 [ 60.99]	2.069 [ 52.55 2.059 [ 52.30]	2.650 [ 67.31 2.620 [ 66.55]	MS18277-2	78	5	M24308/6-21F	M24308/6-15F	593041-5	593042-5
			2.282 57.96 2.262 57.45					2.505 [ 63.63 2.495 [ 63.37]	2.164 [ 54.97 2.154 [ 54.71]	2.744 [ 69.70 2.714 [ 68.94]	MS18276-2	62	4	M24308/6-20F	M24308/6-14F	593041-4	593042-4
			1.635 41.53 1.615 41.02	.248 [ 6.30 .238 [ 6.05]	.439 [ 11.15 .419 [ 10.64]			1.857 [ 47.17 1.847 [ 46.91]	1.516 [ 38.51 1.506 [ 38.25]	2.103 [ 53.42 2.073 [ 52.65]	MS18275-2	44	3	M24308/6-19F	M24308/6-13F	593041-3	593042-3
.040 .020	[ 1.02 [ 0.51]	.432 [ 10.97 .412 [ 10.46]	1.093 27.76 1.073 27.25			.509 [ 12.93 .479 [ 12.17]	.316 [ 8.03 .306 [ 7.77]	1.317 [ 33.45 1.307 [ 33.20]	.976 [ 24.79 .966 [ 24.54]	1.556 [ 39.52 1.526 [ 38.76]	MS18274-2	26	2	M24308/6-18F	M24308/6-12F	593041-2	593042-2
			.769 [ 19.53 .749 [ 19.02]					.989 [ 25.12 .979 [ 24.87]	.648 [ 16.46 .638 [ 16.21]	1.228 [ 31.19 1.198 [ 30.43]	MS18273-2	15	1	M24308/6-17F	M24308/6-11F	593041-1	593042-1
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
											7			3			

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG AJ GRAFF	11-17-92	 Tyco Electronics Corporation Harrisburg, Pa 17105-3608
		CHK B.GILLMAN	11-18-92	
DIMENSIONS: INCHES		APPROVED —		NAME