



- THIS CONNECTOR ASSEMBLY IS SUPPLIED WITH METAL CONTACT RETENTION CLIPS INSTALLED IN THE INSERT ASSEMBLY.
- THIS CONNECTOR ASSEMBLY MEETS THE REQUIREMENTS OF MIL-C-24308 AND MATES WITH ANY RECEPTACLE CONNECTOR WITH THE SAME INSERT ARRANGEMENT.
- THE PART NUMBER MARKED ON THE CONNECTOR MAY DIFFER FROM THE PART NUMBER ORDERED DUE TO THE MARKING REQUIREMENTS OF MIL-C-24308/4 (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. MARKING SHALL BE LOCATED AS FOLLOWS:
 - "M24308" ON FRONT SHELL, FAR SIDE.
 - SLASH SHEET AND DASH NUMBER ON REAR SHELL, FAR SIDE.
 - "TYCO" AND DATE CODE ON FRONT SHELL, NEAR SIDE.
 - TYCO PART NUMBER ON REAR SHELL, NEAR SIDE.
- FULL PIN DIAMETER EXTENSION IS .164 [4.17] MIN. CONTACT NOT INCLUDED - SHOWN FOR DIMENSIONAL REFERENCE ONLY.
- THIS CONNECTOR ASSEMBLY IS DESIGNED TO ACCEPT SIZE 20 CRIMP TYPE PIN CONTACT MILITARY PART NUMBER M39029/64-369 (TYCO PART NUMBER 205089-1). FOR ALTERNATE CONTACT OPTIONS CONSULT TYCO CATALOG.
- MAXIMUM WIRE INSULATION TO BE USED WITH THIS CONNECTOR ASSEMBLY IS .072 [1.83] DIAMETER.
- FOR CONTACT CRIMPING INSTRUCTION SHEET REFER TO TYCO IS 7516. FOR CONTACT INSTALLATION AND REMOVAL INSTRUCTION SHEET REFER TO TYCO IS 7508.
- PART NUMBER FOR ORDERING.
- DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1982.
- THIS DRAWING SHALL BE INTERPRETED IN ACCORDANCE WITH APPLICABLE STANDARDS LISTED IN MIL-STD-100.
- FINISH: CADMIUM PER QQ-P-416, TYPE II, CLASS 2 OVER COPPER PER AMS2418, CLASS 4
- FINISH: TIN PER ASTM-B-545, .000200 [0.0051] MIN THK OVER COPPER PER AMS2418, .000050 [0.00127] MIN THK OR TIN-LEAD COMPOSITION 93/7, .000200 [0.0051] MIN THK OVER COPPER PER AMS2418, .000050 [0.00127] MIN THK.
- FRONT SHELL HAS GROUNDING INDENTS ON 205164-4 & -5 ONLY.
- MARK .047-.062 HIGH PER 115-10002-2. FAR SIDE REFERS TO WIDE SIDE OF KEYSTONE. MARKING SHALL BE AS FOLLOWS:
 - TYCO PART NUMBER AND DATE CODE ON REAR SHELL, FAR SIDE.
- FINISH: BRIGHT TIN PER ASTM-B-545, .000400-.000550 THK OVER COPPER PER AMS2418 .000050 MIN THK.

		15	2	-	-	205164-6	205164-6
		15	2	-	-	205164-5	205164-5
		15	2	-	-	205164-4	205164-4
SUPSD. BY 205288-1		15	2	-	-	205164-3	205164-3
SUPSD. BY 206798-2		15	2	-	-	205558-4	205164-2
		15	2	M24308/4-260F	M24308/4-2F	205558-2	205164-1
REMARKS	INSERT ARRANGEMENT	NO OF POSN	SHELL SIZE	PACKAGE MILITARY P/N	MILITARY P/N ON CONNECTOR	TYCO P/N ON CONNECTOR	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DRAWING NO	RESTRICTED TO
0 PLC ± -	1 PLC ± -	A1 00779	-
2 PLC ± -	3 PLC ± -	00779	-
4 PLC ± -	ANGLES ± .1°	00779	-
MATERIAL SEE CALLOUTS	FINISH SEE CALLOUTS	WEIGHT -	SCALE 4:1 SHEET 1 OF 1 REV P

THIS DRAWING IS A CONTROLLED DOCUMENT. DIM: AJ GRAFF 23-FEB-93. CHK: R GILLMAN 23-FEB-93. AP'D: R GILLMAN 23-FEB-93. NAME: R GILLMAN. PRODUCT SPEC: AMPLIMITE PLUG ASSY WITHOUT SIZE 20 CRIMP TYPE PIN CONTACTS SERIES 109, SHELL SIZE 2. SIZE: A1. CAGE CODE: 00779. DRAWING NO: 00779. TYCO P/N: 205164. CUSTOMER DRAWING. SCALE: 4:1. SHEET: 1 OF 1. REV: P.