



- 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 (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.
- FULL PIN DIAMETER EXTENSION IS .155 [3.94] MIN. CONTACT NOT INCLUDED - SHOWN FOR DIMENSIONAL REFERENCE ONLY.
- THIS CONNECTOR ASSEMBLY IS DESIGNED TO ACCEPT SIZE 22 CRIMP TYPE PIN CONTACT MILITARY PART NUMBER M39029/58-360 (TYCO PART NUMBER 204370-2). FOR ALTERNATE CONTACT OPTIONS CONSULT TYCO CATALOG.
- MAXIMUM WIRE INSULATION TO BE USED WITH THIS CONNECTOR ASSEMBLY IS .054 [1.37] DIAMETER.
- FOR CONTACT CRIMPING INSTRUCTION SHEET REFER TO AMP 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.
- MATERIAL: BRASS ALLOY PER ASTM B 36.
- MATERIAL: STEEL PER ASTM-A-109 OR EQUIVALENT.
- FINISH: CADMIUM PER QQ-P-416, TYPE II, CLASS 2 OVER COPPER PER AMS2418, CLASS 4.
- FINISH: TIN PER ASTM-B-545, .000200 MIN THICK OVER .000050 TO .000200 COPPER PER AMS2418, OR TIN-LEAD, 93/7, .000200 MIN THK OVER .000050 TO .000200 THICK COPPER PER AMS2418.
- INSERT MATERIAL FOR 204505-3: PHENOLIC COLOR: BLACK.
- FRONT SHELL HAS GROUND INDENTS ON 204505-4 & -5 ONLY.
- FINISH: BRIGHT TIN PER ASTM-B-545, .000400-.000550 THK OVER COPPER PER AMS2418, .000050 MIN THK.

	$\Delta_{12} \Delta_{17}$	MS18275-2	44	3	-----	-----	204505-6	204505-6
	$\Delta_{12} \Delta_{17} \Delta_{16}$	MS18275-2	44	3	-----	-----	204505-5	204505-5
	$\Delta_{12} \Delta_{14} \Delta_{16}$	MS18275-2	44	3	-----	-----	204505-4	204505-4
SUPSD. BY 204505-1	$\Delta_{12} \Delta_{13}$	MS18275-2	44	3	-----	-----	204505-3	204505-3
SUPSD. BY 593064-3	$\Delta_{11} \Delta_{13}$	MS18275-2	44	3	M24308/8-266F	M24308/8-13F	204517-5	204505-2
	$\Delta_{12} \Delta_{13}$	MS18275-2	44	3	M24308/4-266F	M24308/4-13F	204517-2	204505-1
REMARKS		INSERT ARRANGEMENT	NO OF POS	SHELL SIZE	PACKAGE MILITARY P/N Δ_B	MILITARY P/N ON CONNECTOR Δ_3	TYCO P/N ON CONNECTOR Δ_3	PART NUMBER Δ_8

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	0 PLC ± -	1 PLC ± -	2 PLC ± -	3 PLC ± .005	4 PLC ± -	ANGLES ± 1°
MATERIAL SEE CALLOUTS	FINISH SEE CALLOUTS	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
		A1	00779	204505			

AMP Tyco Electronics Corporation
 Harrisburg, Pa 17105-3608

AMPLIMITE PLUG ASSY WITHOUT SIZE 22D CRIMP TYPE PIN CONTACTS SERIES 90, SHELL SIZE 3

CUSTOMER DRAWING SCALE 4:1 SHEET 1 OF 1 REV V