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Jameco Part Number 449414

LOC	DIST	REVISIONS					
DF	DO	P	LTR	DESCRIPTION	DATE	DWN	APVD
		P		REV PER ECR-05-013257	250CT05	TK	CT

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 RECEPTACLE CONNECTOR WITH THE SAME INSERT ARRANGEMENT.

- 3 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:

- A. "M24308" ON FRONT SHELL, FAR SIDE.
- B. SLASH SHEET AND DASH NUMBER ON REAR SHELL, FAR SIDE.
- C. "TYCO" AND DATE CODE ON FRONT SHELL, NEAR SIDE.
- D. TYCO PART NUMBER ON REAR SHELL, NEAR SIDE.

- 4 FULL PIN DIAMETER EXTENSION IS .164 [4.17] MIN.
CONTACT NOT INCLUDED - SHOWN FOR DIMENSIONAL REFERENCE ONLY.

5. 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.

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

7. 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.

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.

- 11 FINISH: CADMIUM PER QQ-P-416, TYPE II, CLASS 2 OVER
COPPER PER AMS2418, CLASS 4

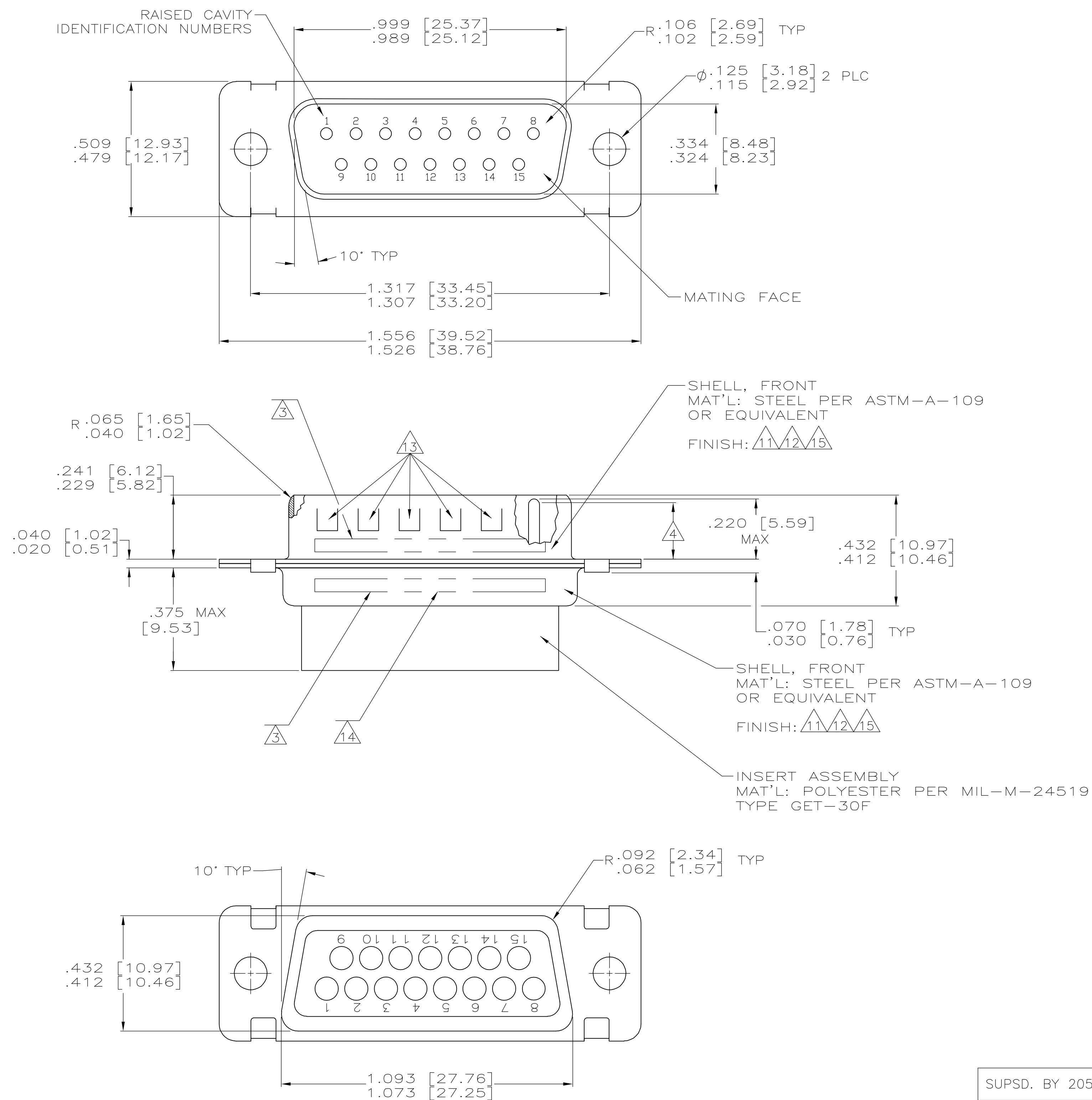
- 12 FINISH: TIN PER ASTM-B-545, .000200 [0.0051] MIN THK OVER
COPPER PER AMS2418, .000050 [0.00127] MIN THK OR TIN-LEAD
COMPOSITION 93/7, .000200 [0.0051] MIN THK OVER COPPER PER
AMS2418, .000050 [0.00127] MIN THK.


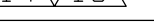


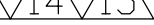




- 13 FRONT SHELL HAS GROUNDING INDENTS ON 205164-4 & -5 ONLY.



- 14 MARK .047—.062 HIGH PER 115—10002—2. FAR SIDE REFERS TO WIDE SIDE OF KEYSTONE. MARKING SHALL BE AS FOLLOWS:

- A. TYCO PART NUMBER AND DATE CODE ON REAR SHELL, FAR SIDE.

- 15 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.		DWN AJ, GRAFF 23-FEB-93 DWE R, GILLMAN 23-FEB-93 APWD R, GILLMAN 23-FEB-93		 Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± — 4 PLC ± — ANGLES ± 1°		NAME AMPULMITE PLUG ASSY WITHOUT SIZE 20 CRIMP TYPE PIN CONTACTS SERIES 109, SHELL SIZE 2	
MATERIAL SEE CALLOUTS		FINISH SEE CALLOUTS		SIZE CAGE CODE DRAWING NO A1 00779 C 205164	
		WEIGHT —		RESTRICTED TO	
		CUSTOMER DRAWING		SCALE 4:1 SHEET 1 OF 1 REV P	