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LOC	DIST
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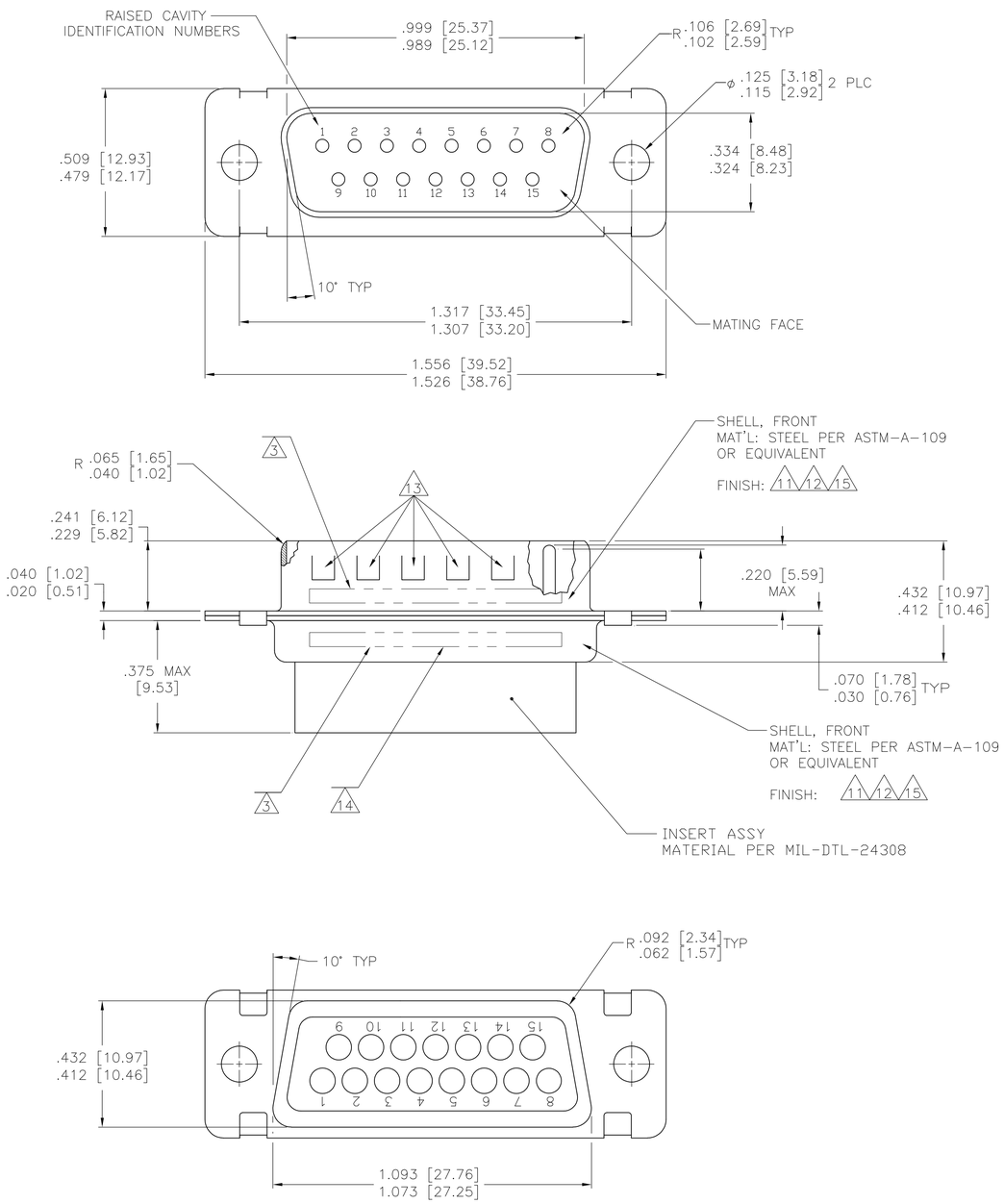
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	U	REV PER ECO 15-005906	5-19-15	CT	DM



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. "MFG'S NAME, BRAND OR LOGO" AND DATE CODE ON FRONT SHELL, NEAR SIDE.

   D. MFG'S 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 (MFG'S PART NUMBER 205089-1). FOR ALTERNATE CONTACT OPTIONS CONSULT TE CONNECTIVITY 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 TE CONNECTIVITY IS 7516. FOR CONTACT INSTALLATION AND REMOVAL INSTRUCTION SHEET REFER TO TE CONNECTIVITY IS 7508.

8. 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.

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. MFG'S 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.

	REMARKS	NO OF POSN	SHELL SIZE	PACKAGE MILITARY P/N 8	MILITARY P/N ON CONNECTOR 3	MFG'S P/N ON CONNECTOR 3	PART NUMBER
	14 15	15	2	-	-	205164-6	205164-6
	13 14 15	15	2	-	-	205164-5	205164-5
	12 13 14	15	2	-	-	205164-4	205164-4
SUPSD. BY 205288-1	11	15	2	-	-	205164-3	205164-3
SUPSD. BY 206798-2	11	15	2	-	-	205558-4	205164-2
	11	15	2	M24308/4-260F	M24308/4-2F	205558-2	205164-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± 1°

MATERIAL: SEE CALLOUTS
FINISH: SEE CALLOUTS

DWN AJ GRAFF 23FEB93
CHK R.GILLMAN 23FEB93
APVD R.GILLMAN 23FEB93
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

NAME: AMPLIMITE PLUG ASSY WITHOUT SIZE 20 CRIMP TYPE PIN CONTACTS SERIES 109, SHELL SIZE 2

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-205164	—

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV U