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LOC	DIST
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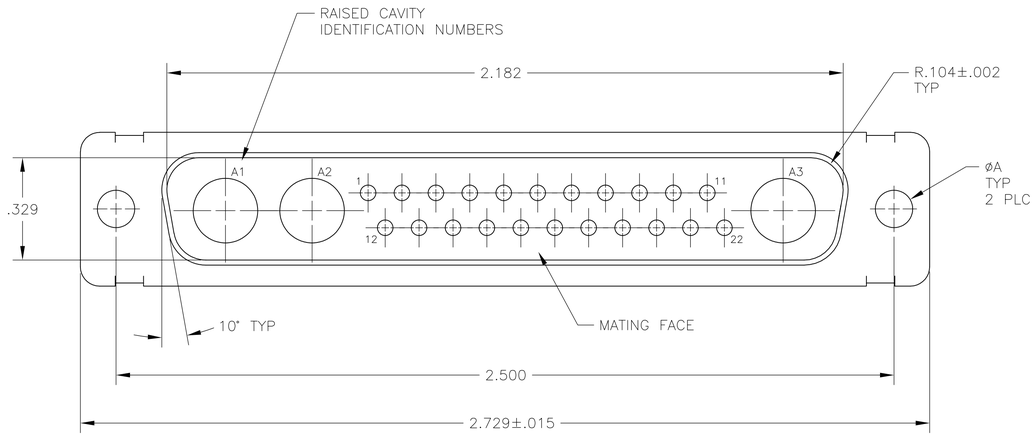
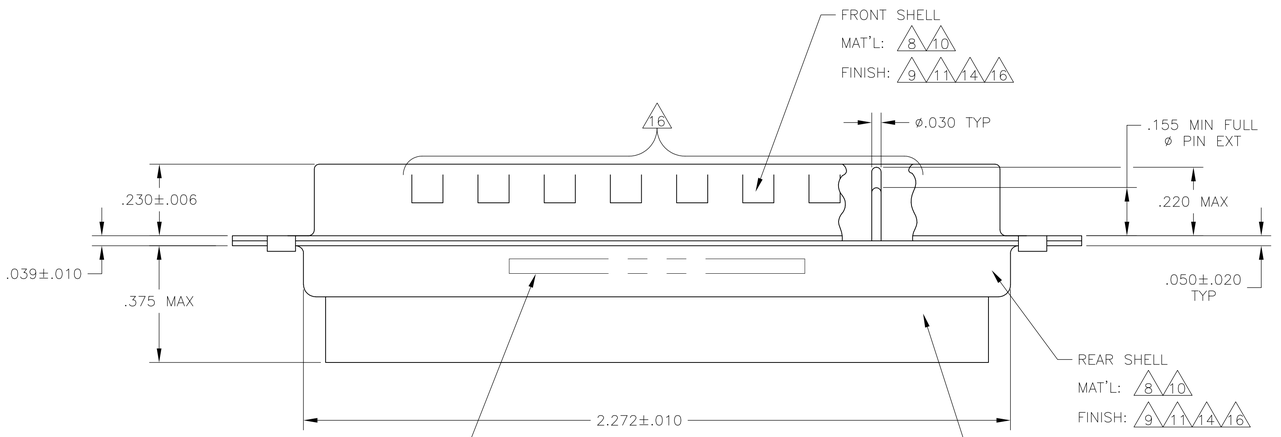
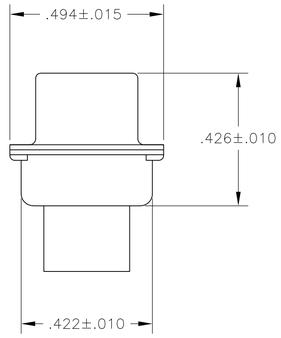
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	N	REVISED PER ECO-15-016251	13NOV15	KG	CD

1. THIS PLUG WILL MATE WITH ANY 25C3, SIZE 4 RECEPTACLE IN AMPLIMITE SERIES.
2. MAXIMUM WIRE INSULATION TO BE USED WITH THIS PLUG IS ø.068.
3. STAINLESS STEEL RETENTION CLIPS ARE INCLUDED IN INSERT ASSEMBLY.
4. CONNECTOR SUPPLIED WITHOUT CONTACTS, SHOWN FOR ILLUSTRATION ONLY.
6. INSERTION/EXTRACTION TOOL USED FOR SIZE 20 PIN SIGNAL CONTACTS IS 91067-2.
7. USE 22 SIZE 20 SIGNAL CONTACTS, MILITARY P/N M39029/64-369, TE/MFG P/N 205089-1 OR ANY OF THE TE PRECISION FORMED SIZE 20 PINS FOR AMPLIMITE CONNECTORS.
8. STEEL PER ASTM-A-109.
9. CADMIUM PLATED PER QQ-P-416, TYPE II, CLASS 2.
10. BRASS PER ASTM-B-36 AND MIL-C-50.
11. FINISH: GOLD PLATED PER MIL-G-45204 TYPE II, GRADE C, OVER COPPER PLATE PER MIL-C-14550, CLASS IV.
12. COPPER ALLOY RETENTION CLIPS ARE INCLUDED IN INSERT ASSEMBLY.
13. USE 22 SIZE 20 SIGNAL CONTACTS, NASA PART NO. G-10-P1, TE/MFG PART NO. 205089-4.
14. FINISH: TIN PER ASTM-B-545 .000400 MIN THK OVER COPPER PER AMS2418 .000050 MIN THK.
15. GROUNDING INDENTS FOR 208742-4 & 5-208742-4 ONLY.
16. FINISH: ZINC PLATE PER ASTM-B-633, .000200-.000400 THK WITH SUPPLEMENTARY CHROMATE (Cr3+)







8 15 14	NOT APPLICABLE	.120	MIL-C-24308 EQUIVALENT	5-208742-4
2 6 8 16	NOT APPLICABLE	.120	MIL-C-24308 EQUIVALENT	5-208742-1
8 14 15	NOT APPLICABLE	.120	MIL-C-24308 EQUIVALENT	208742-4
10 11 12 13	311P405-20P-B-15	.154	NON-MAGNETIC NASA QUALIFIED	208742-3
10 11 12 13	311P405-20P-B-12	.120	NON-MAGNETIC NASA QUALIFIED	208742-2
2 6 8 9	NOT APPLICABLE	.120	MIL-C-24308 EQUIVALENT	208742-1
REMARKS	CUSTOMER PART NO	øA	DESCRIPTION	MFG'S PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± .005[0.13]
4 PLC ± –
ANGLES ± 0°,30'

MATERIAL –
FINISH –

DWN 27-May-15 MANJUNATH G M
CHK 27-May-15 CHARLES THOMAS
APVD 27-May-15 CHARLES THOMAS
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

NAME: PLUG ASSEMBLY AMPLIMITE 25C3 SIZE 4, COAX MIX

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-208742	—

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

4805 (3/11)