

WARNING - THIS DOCUMENT CONTAINS TECHNOLOGY WHOSE EXPORT IS RESTRICTED BY THE EXPORT ADMINISTRATION REGULATIONS ("EAR") PURSUANT TO 15 C.F.R. PARTS 730-774. VIOLATIONS OF THE EAR ARE SUBJECT TO SEVERE CRIMINAL PENALTIES UNDER THE EXPORT CONTROL REFORM ACT, AS AMENDED (TITLE 50, U.S.C., SEC. 4801, ET SEQ.).

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
P		REVISED PER ECN-24-292310	06NOV2024	PP	DS

1. THIS RECEPTACLE WILL MATE WITH ANY 27C2, SIZE 4 PLUG IN AMPLIMITE SERIES.
2. MAXIMUM WIRE INSULATION TO BE USED WITH THIS RECEPTACLE IS ϕ .068.
3. THIS CONNECTOR ACCEPTS (2) POWER 8, OR COAX SOCKET CONTACTS IN POSITIONS A1 THRU A2, PURCHASED SEPARATELY.
4. THIS CONNECTOR ACCEPTS SIZE 20 SOCKET SIGNAL CONTACTS IN POSITIONS 1 THRU 25, PURCHASED SEPARATELY.
- 5

STEEL PER ASTM-A-109.
- 6

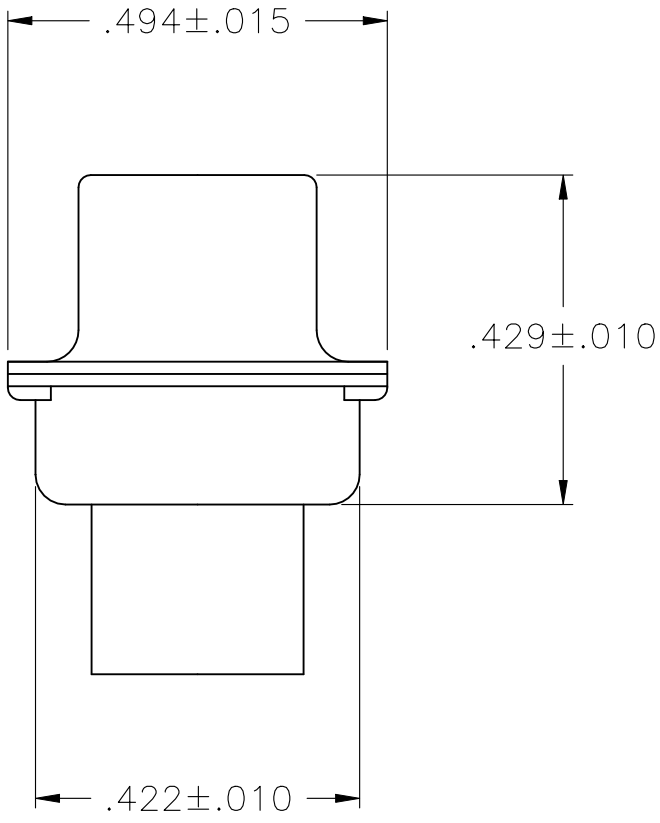
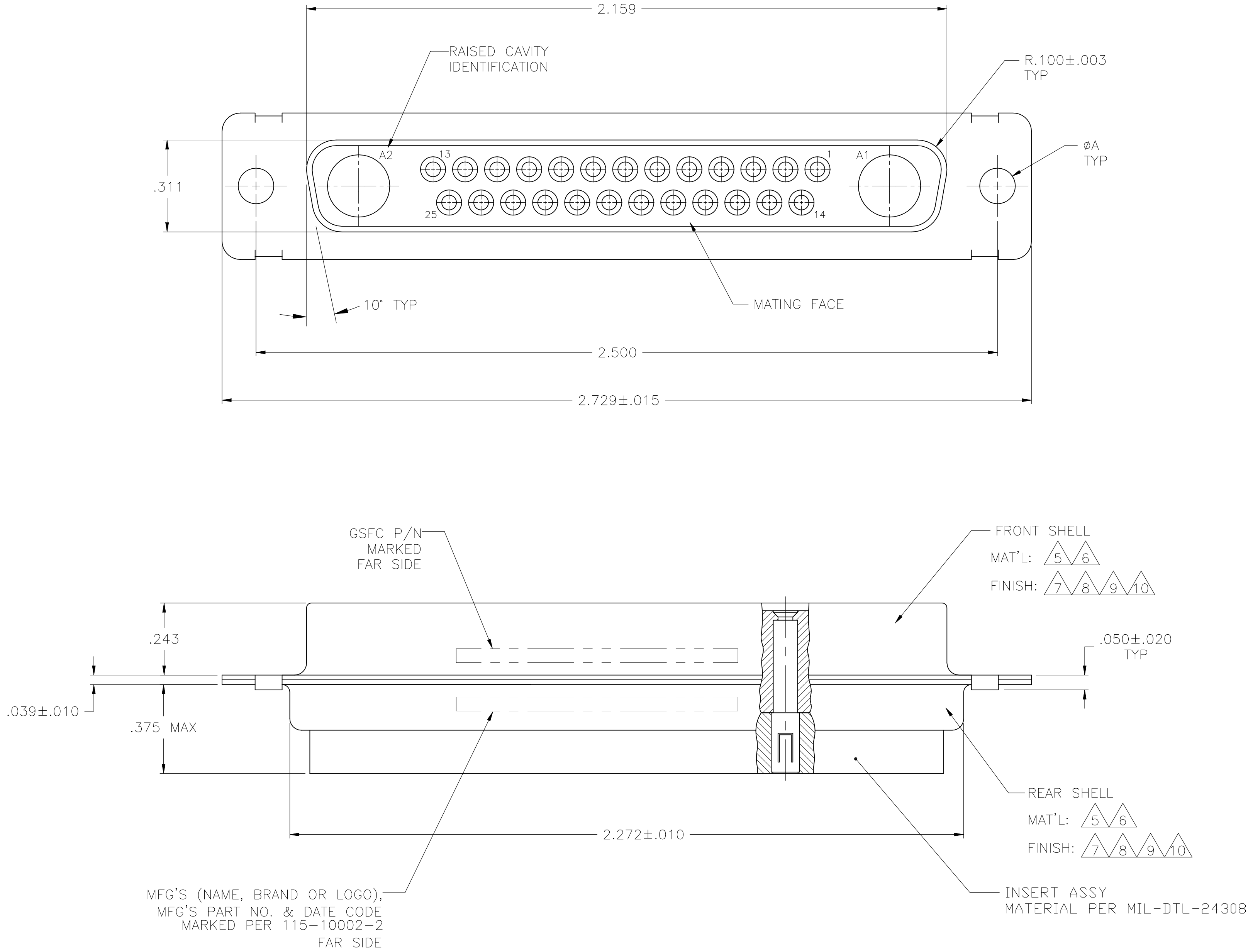
BRASS PER MIL-C-50 AND ASTM-B-36 UNS NO. C26000.
- 7

FINISH: CADMIUM PLATED PER QQ-P-416.
- 8

GOLD PLATED PER MIL-G-45204 TYPE II, GRADE C, CLASS 1 OVER COPPER PER MIL-C-14550, CLASS IV.
- 9

FINISH: TIN PER ASTM-B-545 .000400 MIN THK OVER COPPER PER AMS2418 .000050 MIN THK.
- 10

FINISH: ZINC PLATE PER ASTM-B-633 .000200-.000400 THK WITH SUPPLEMENTARY CHROMATE (Cr3+).



OBSOLETE	59	.120	—	5-212542-4
OBSOLETE	510	.120	—	5-212542-1
OBSOLETE	59	.120	—	212542-4
OBSOLETE	68	.154	311P405-21S-B-15	212542-3
OBSOLETE	68	.120	311P405-21S-B-12	212542-2
	57	.120	—	212542-1
REMARKS		ØA	GSFC P/N	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 21JAN88	TE Connectivity	
DIMENSIONS: INCHES		CHK A.EMADI 27JAN88		
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD A.EMADI 27JAN88	NAME	
	0. PLC ± -	PRODUCT SPEC	RECEPTACLE ASSEMBLY AMPLIMITE 27C2 SIZE 4, SERIES 109, COAX MIX	
	1. PLC ± -	APPLICATION SPEC		
	2. PLC ± -	WEIGHT		
MATERIAL	FINISH	SIZE	CAGE CODE	DRAWING NO
-	-	A1	00779	212542
CUSTOMER DRAWING			SCALE	4:1
			SHEET	1 of 1
			REV	P