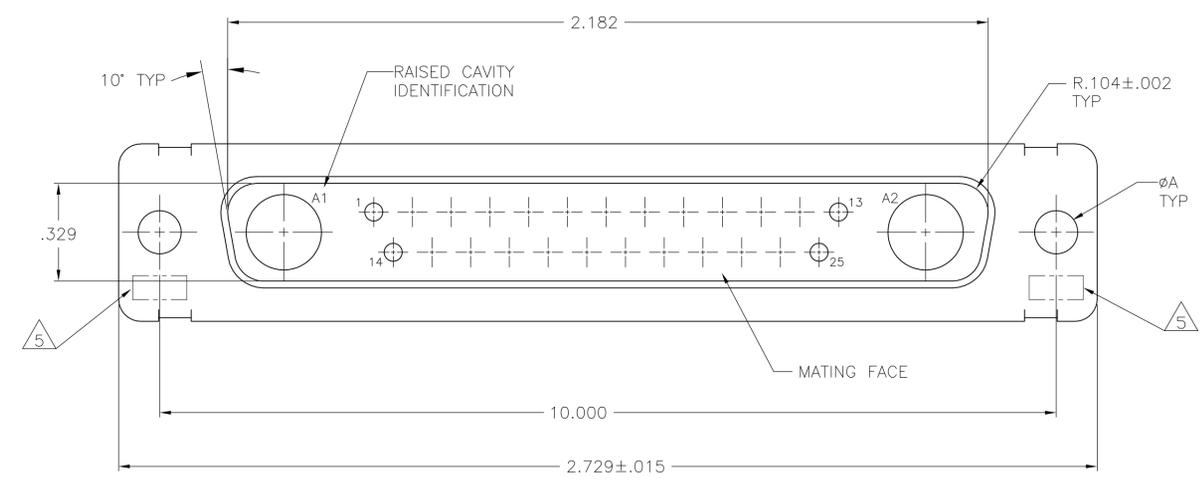
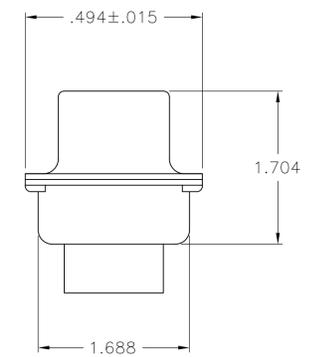
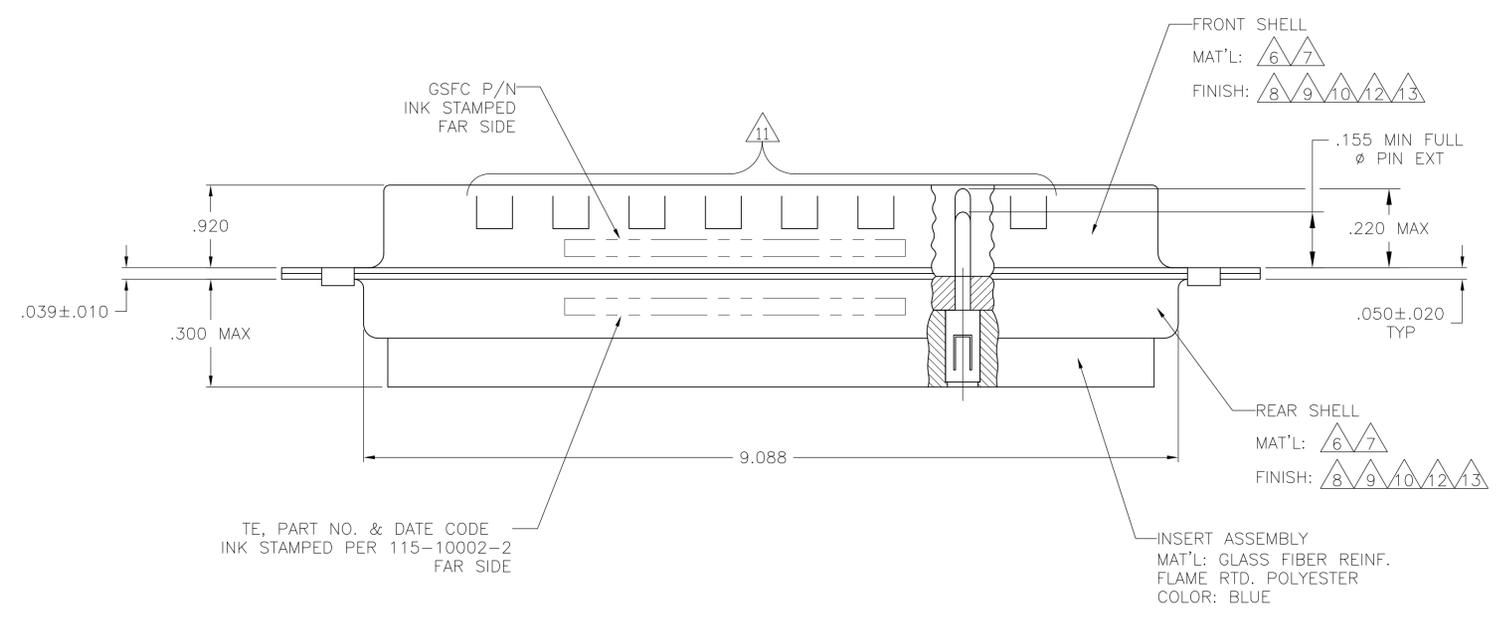


LOC		DIST		REVISIONS			
DF	DO	REV	DATE	BY	APPV	DATE	REV
H	REVISED	PER	ECO-09-013174			21-03-09	CT RL

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



- 5 UL/CSA DESIGNATION STAMPED IN THIS AREA, OPTIONAL.
- 6 STEEL PER ASTM-A-109.
- 7 BRASS PER MIL-C-50 AND ASTM-B-36 UNS NO. C26000.
- 8 CADMIUM PLATED PER QQ-P-416.
- 9 FINISH: GOLD PLATED PER MIL-G-45204 TYPE II, GRADE C, CLASS 1 OVER COPPER PER MIL-C-14550, CLASS IV.
- 10 FINISH: TIN PER ASTM-B-545, .000200 MIN THK OVER COPPER PER AMS2418 .000100-.000200 THK.
- 11 GROUNDING INDENTS FOR 212538-4 & 5-212538-4 ONLY.
- 12 FINISH: TIN PER ASTM-B-545, .000200 MIN THK OVER COPPER PER AMS2418 .000100-.000200 THK.
- 13 FINISH: ZINC PLATE PER ASTM-B-633 .000200-.000400 THK WITH SUPPLEMENTARY CHROMATE (Cr3+).



6, 11, 12	.120	-	5-212538-4
6, 13	.120	-	5-212538-1
6, 10, 11	.120	-	212538-4
7, 9	.154	311P405-21P-B-15	212538-3
7, 9	.120	311P405-21P-B-12	212538-2
6, 8	.120	-	212538-1
REMARKS	ØA	GSFC P/N	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	WEIGHT	SCALE	SHEET	REV
-	-	-	4:1	1 OF 1	H

DRAWING NO: 00779C=212538
 CUSTOMER DRAWING
 Tyco Electronics Corporation, Harrisburg, PA 17105-3608
 PLUG ASSEMBLY AMPLIMITE 27C2 SIZE 4, SERIES 109, COAX MIX
 DATE: 21JAN88, 27JAN88, 27JAN88
 BY: C.C. THOMAS, A. EMADI, A. EMADI
 APPV: A. EMADI
 PRODUCT SPEC, APPLICATION SPEC, SIZE, CASE CODE, DRAWING NO, RESTRICTED TO