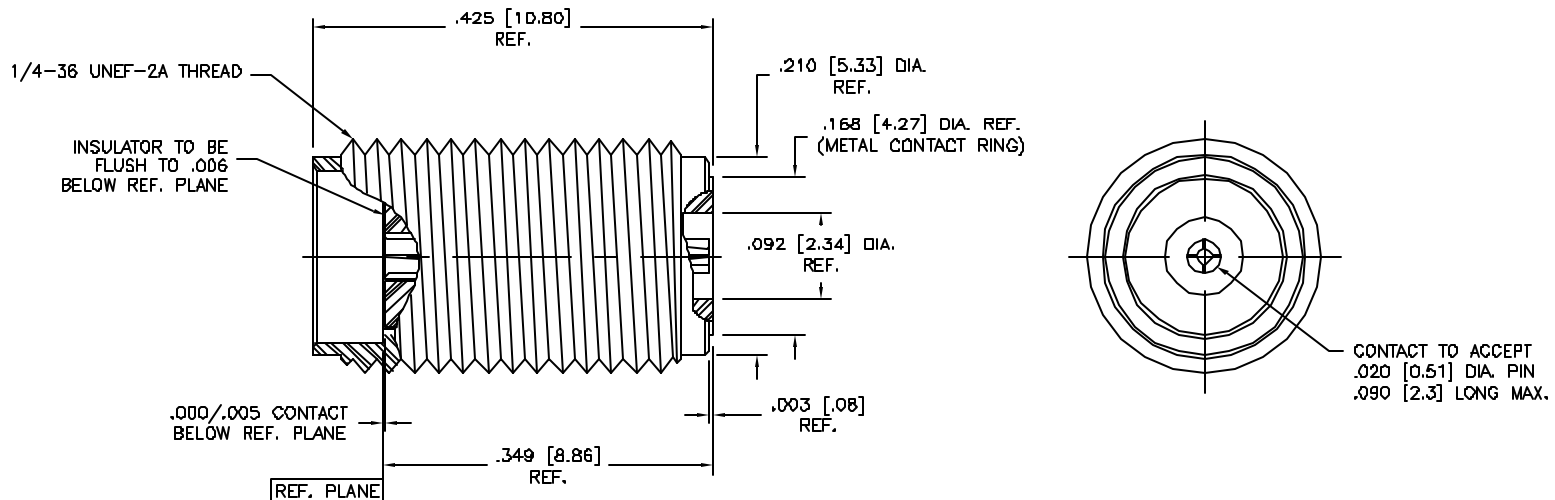


DIMENSIONS IN BRACKETS ARE IN MILLIMETERS AND ARE FOR REFERENCE ONLY.

1396-000-K821-008



**NOTES:**

- CONNECTOR INTERFACE IS DESIGNED IN ACCORDANCE WITH MIL-STD-34B, EXCEPT AS NOTED.
- MATERIAL: BODY & BUSHING - CORROSION RESISTANT STEEL PER ASTM A582, TYPE 303  
CONTACT - BERYLLIUM COPPER, ALLOY C17300 PER ASTM B196.  
INSULATORS - TEFLON (PTFE), PER ASTM D1710  
- ULTEM 1000 (PEI), PER ASTM D5205
- FINISHES: BODY & BUSHING - PASSIVATE PER AMS-QQ-P-35  
CONTACT - GOLD PLATE PER MIL-G-452D4
- ELECTRICAL DATA:  
IMPEDANCE: 50 OHMS NOMINAL  
FREQUENCY: DC TO 27.0 GHz

**ELECTRICAL DATA (CONT.):**

VSWR: DC TO 18.0 GHz - 1.10:1 MAXIMUM  
18.0 TO 27.0 GHz - 1.15:1 MAXIMUM  
INSERTION LOSS: .03  $\sqrt{f(\text{GHz})}$  dB MAXIMUM  
INSULATION RESISTANCE: 5,000 MEGOHMS MINIMUM  
VOLTAGE RATING: 1,000 Vrms MINIMUM AT SEA LEVEL,  
250 Vrms MINIMUM AT 70,000 FEET  
DIELECTRIC WITHSTANDING VOLTAGE: 1,000 Vrms MINIMUM  
RF LEAKAGE: -100 dB MIN.

UNLESS OTHERWISE SPECIFIED: TOLERANCES: 3 PLACES =  $\pm .005$ , 2 PLACES =  $\pm .02$ , ANGLES =  $\pm 1/2^\circ$ , SURFACE FINISH = 63

-	OUTLINE	11/16/06
ALT.	REVISIONS	DATE

-	REL. ERN	X				
ALT.	REVISIONS	DATE	ENGR. APP'D	MFG. APP'D		

DELTA ELECTRONICS MFG. CORP. Beverly, MA 01915					
TITLE:	'SMA' THREAD-IN, PANEL MOUNT RECEPTACLE (F) FIELD REPLACEABLE - ACCEPTS .020 DIA. PIN				
MATERIAL:	SEE NOTE 2				
FINISH:	SEE NOTE 3				
DATE	Scale	Drawn by	Mfg. App'd	Engr. App'd	
3/11/06	B/1				
CODE IDENT.-00795			1396-000-K821-008		

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FILE NAME: 1396000K821-008 PLT # 8/1