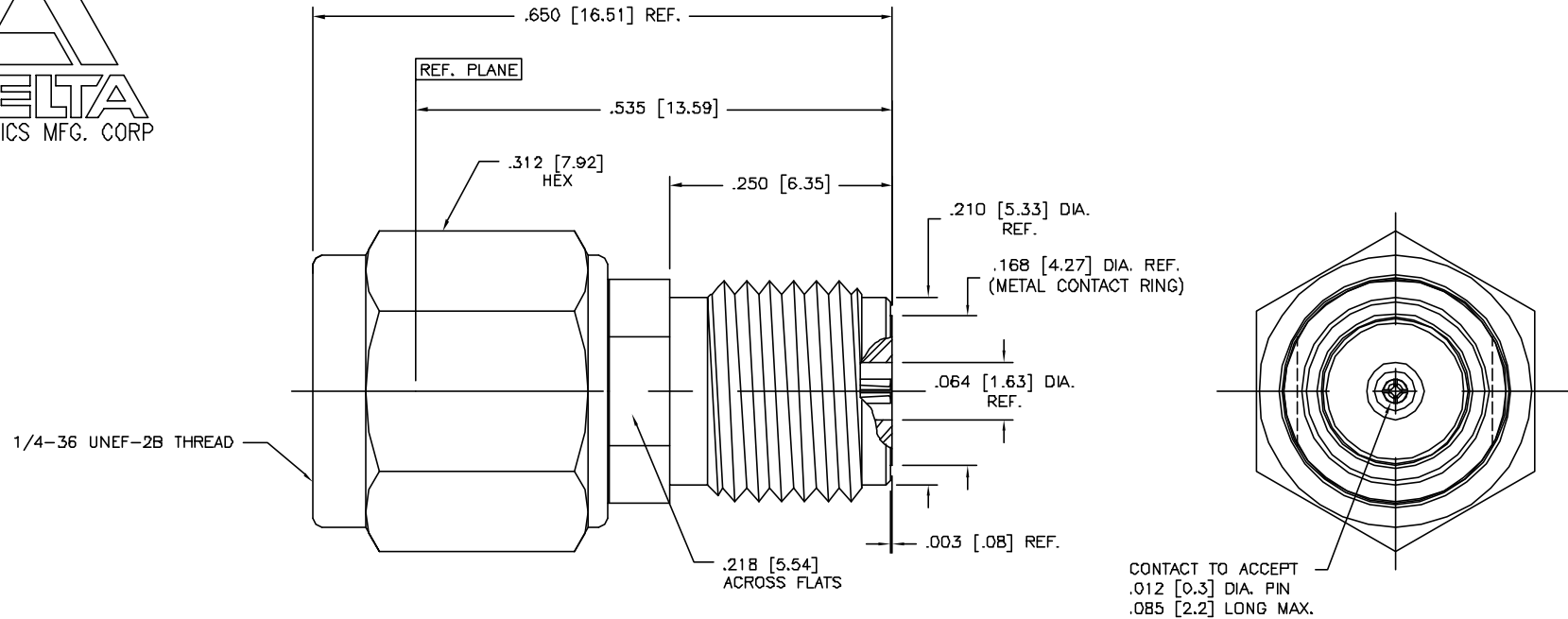




DIMENSIONS IN BRACKETS ARE IN MILLIMETERS AND ARE FOR REFERENCE ONLY.

1397-000-K821-001



CONTACT TO ACCEPT  
.012 [0.3] DIA. PIN  
.085 [2.2] LONG MAX.

**NOTES:**

- CONNECTOR INTERFACE IS DESIGNED IN ACCORDANCE WITH MIL-STD-34B.
- MATERIAL: BODY, COUPLING NUT & BUSHING - CORROSION RESISTANT STEEL, PER ASTM A582, TYPE 303  
CONTACT - BERYLLIUM COPPER, ALLOY C1730D PER ASTM B196.  
LOCKING RING - BERYLLIUM COPPER, PER ASTM B196  
GASKET - SILICONE RUBBER, PER A-A-59588  
INSULATORS - TEFLON (PTFE), PER ASTM D1710  
- ULTEM 1000 (PEI), PER ASTM D5205
- FINISHES: BODY, COUPLING NUT & BUSHING - PASSIVATE PER AMS-QQ-P-35  
CONTACT - GOLD PLATE PER MIL-G-45204

**4. ELECTRICAL DATA:**

FREQUENCY: DC TO 27.0 GHz  
VSWR: DC TO 18.0 GHz - 1.10:1 MAX.  
18.0 TO 27.0 GHz - 1.15:1 MAX.  
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.

DELTA ELECTRONICS MFG. CORP. Beverly, MA 01915				
TITLE: 'SMA' THREAD-IN, PANEL MOUNT RECEPTACLE (M) FIELD REPLACEABLE - ACCEPTS .012 DIA. PIN				
MATERIAL: SEE NOTE 2				
FINISH: SEE NOTE 3				
BUM STM 9/11/06	Scale 8/1	Dkd. by	Mfg. Appd.	Engr. Appd.
CODE IDENT.-00795		1397-000-K821-001		

UNLESS OTHERWISE SPECIFIED; TOLERANCES: 3 PLACES = ±.005, 2 PLACES = ±.02, ANGLES = ±1/2°. SURFACE FINISH = 63

-	OUTLINE	11/16/06							
ALT.	REVISIONS	DATE	-	REL	ERN	x			
			ALT.	REVISIONS	DATE		ENGR APPD	MFG APPD	

FILE NAME: 1397000K821-001T PLT 8/1

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