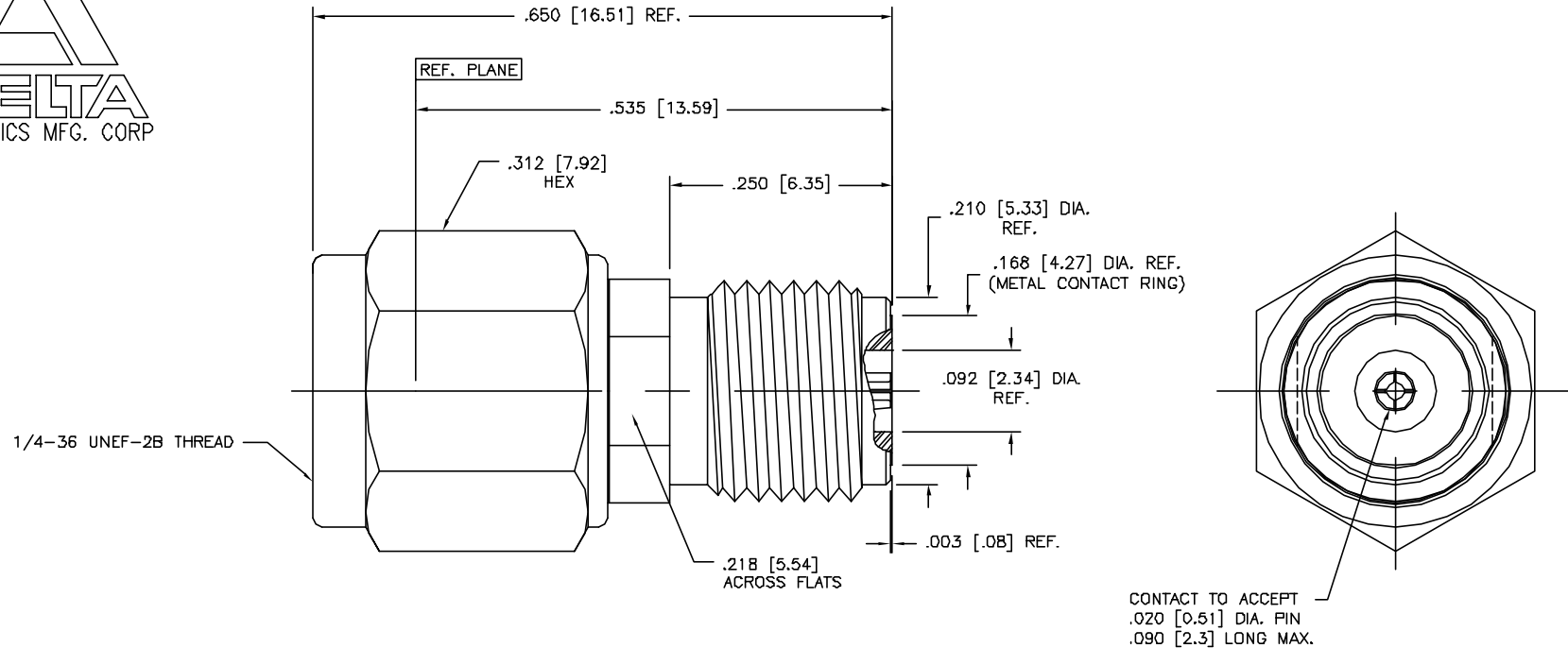




DIMENSIONS IN BRACKETS ARE IN MILLIMETERS AND ARE FOR REFERENCE ONLY.

1397-000-K821-004



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.

CONTACT TO ACCEPT
.020 [0.51] DIA. PIN
.090 [2.3] LONG MAX.

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

-	OUTLINE	11/16/06
ALT.	REVISIONS	DATE

-	REL	ERN	x				
ALT.	REVISIONS	DATE	ENR APPD	MFG APPD			

FILE NAME: 1397000K821-004T PLT # 8/1

DELTA ELECTRONICS MFG. CORP. Beverly, MA 01915				
TITLE: 'SMA' THREAD-IN, PANEL MOUNT RECEPTACLE (M) FIELD REPLACEABLE - ACCEPTS .020 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-K821-004		

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