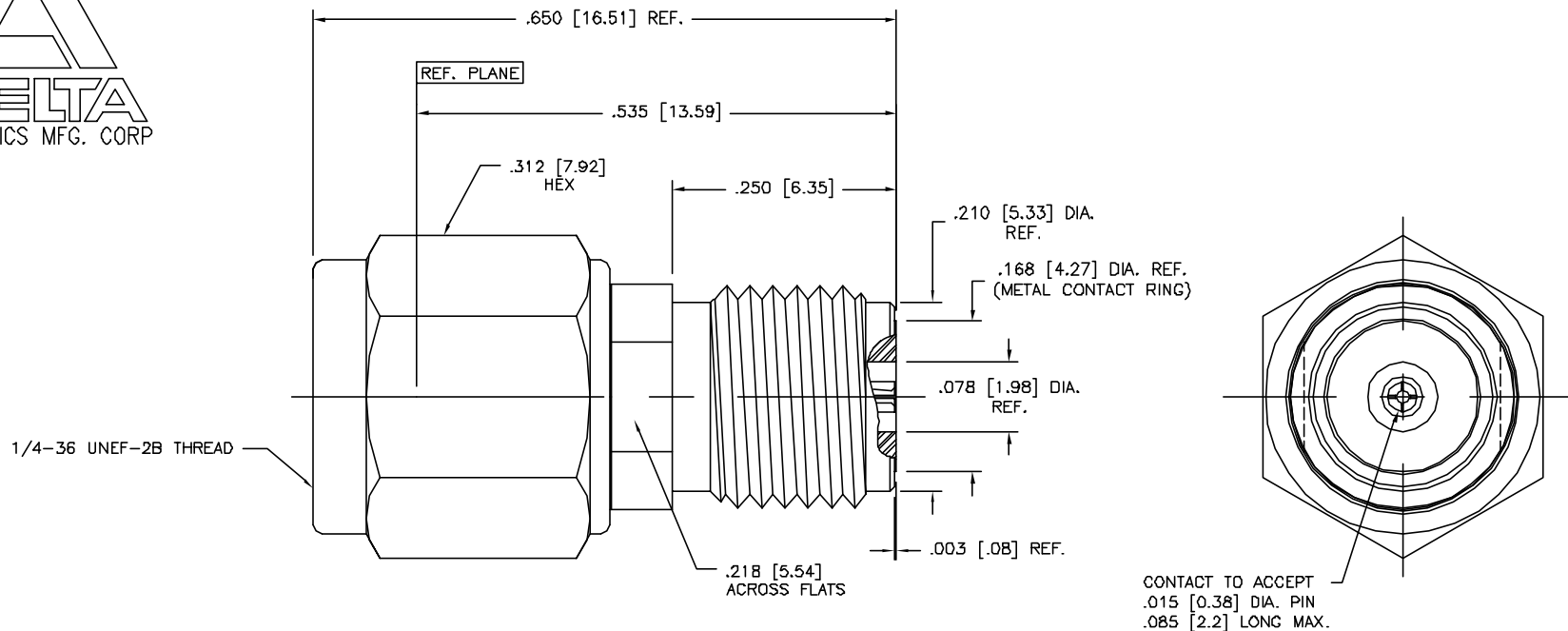


DIMENSIONS IN BRACKETS ARE IN MILLIMETERS AND ARE FOR REFERENCE ONLY.

1397-000-K821-002



NOTES:

- CONNECTOR INTERFACE IS DESIGNED IN ACCORDANCE WITH MIL-STD-348.
- MATERIAL: BODY, COUPLING NUT & BUSHING - CORROSION RESISTANT STEEL, PER ASTM A582, TYPE 303
CONTACT - BERYLLIUM COPPER, ALLOY C17300 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.

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

FILE NAME: 1397000K821-002T PLT 8/1

DELTA ELECTRONICS MFG. CORP. Beverly, MA 01915				
TITLE: 'SMA' THREAD-IN, PANEL MOUNT RECEPTACLE (M) FIELD REPLACEABLE - ACCEPTS .015 DIA. PIN				
MATERIAL: SEE NOTE 2				
FINISH: SEE NOTE 3				
Rev'd	Scale	Dtd. by	Mfg. Appd.	Engr. Appd.
9/11/06	8/1			
CODE IDENT.-00795		1397-000-K821-002		

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