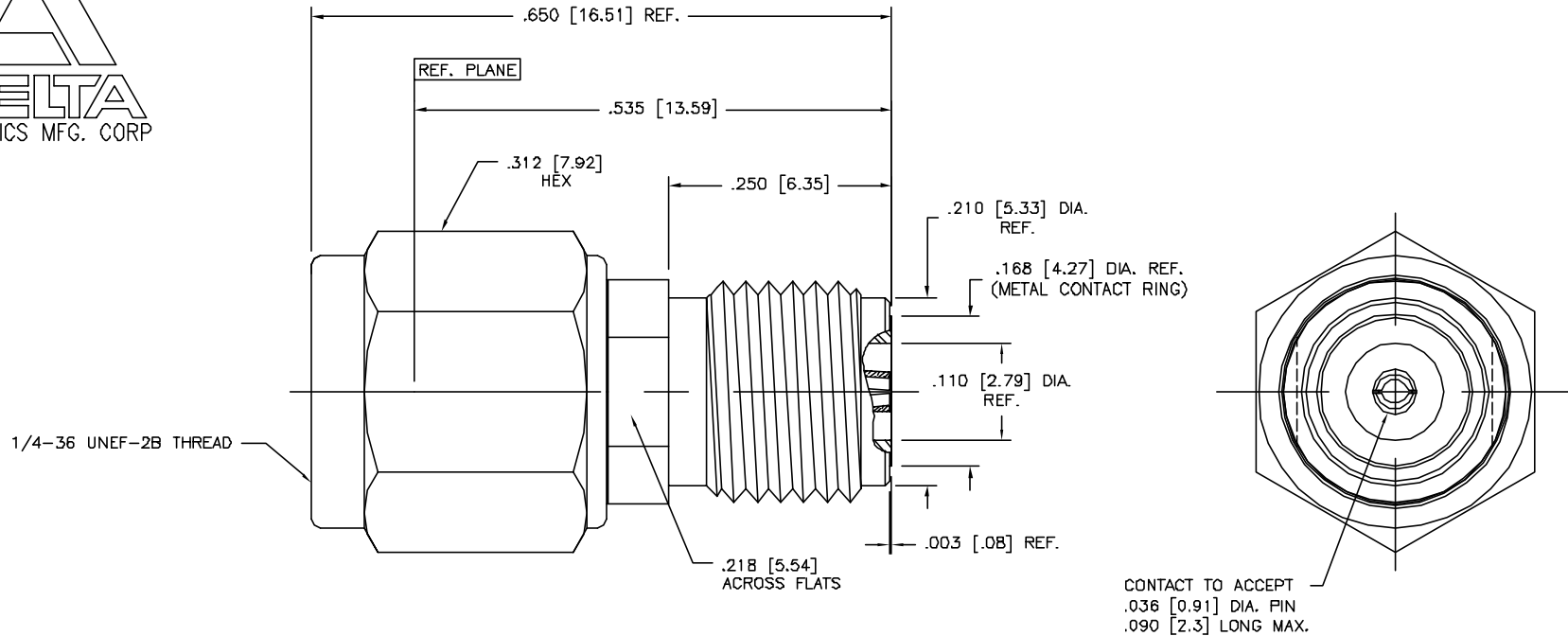




DIMENSIONS IN BRACKETS ARE IN MILLIMETERS AND ARE FOR REFERENCE ONLY.

1397-000-K821-005



NOTES:

1. CONNECTOR INTERFACE IS DESIGNED IN ACCORDANCE WITH MIL-STD-34B.
2. 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
3. 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 .036 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-K821-005		

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: 1397000K821-005T			PLT 8/1						

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