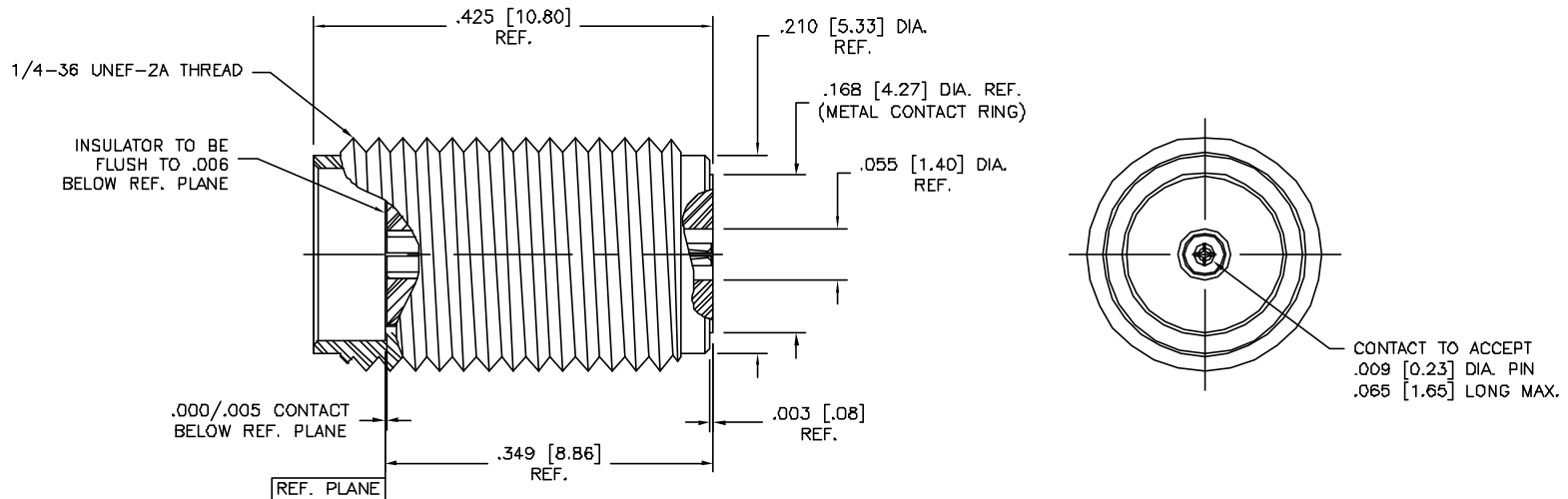




DIMENSIONS IN BRACKETS ARE IN MILLIMETERS AND ARE FOR REFERENCE ONLY.

1396-000-K821-022



NOTES:

- CONNECTOR INTERFACE IS DESIGNED IN ACCORDANCE WITH MIL-STD-348, 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-45204

4. 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.

DELTA ELECTRONICS MFG. CORP. Beverly, MA 01915				
TITLE: 'SMA' THREAD-IN, PANEL MOUNT RECEPTACLE (F) FIELD REPLACEABLE - ACCEPTS .009 DIA. PIN				
MATERIAL: SEE NOTE 2				
FINISH: SEE NOTE 3				
BUM STM	Scale 8/1	Dwg. by	Mfg. Appd.	Engr. Appd.
3/11/05				
CODE IDENT.-00795		1396-000-K821-022		

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

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-	OUTLINE	11/16/06							
ALT.	REVISIONS	DATE	-	REL	ERN	x			
ALT.	REVISIONS	DATE					ENGR APPD	MFG APPD	
FILE NAME: 1396000K821-022T			PLT 8/1						