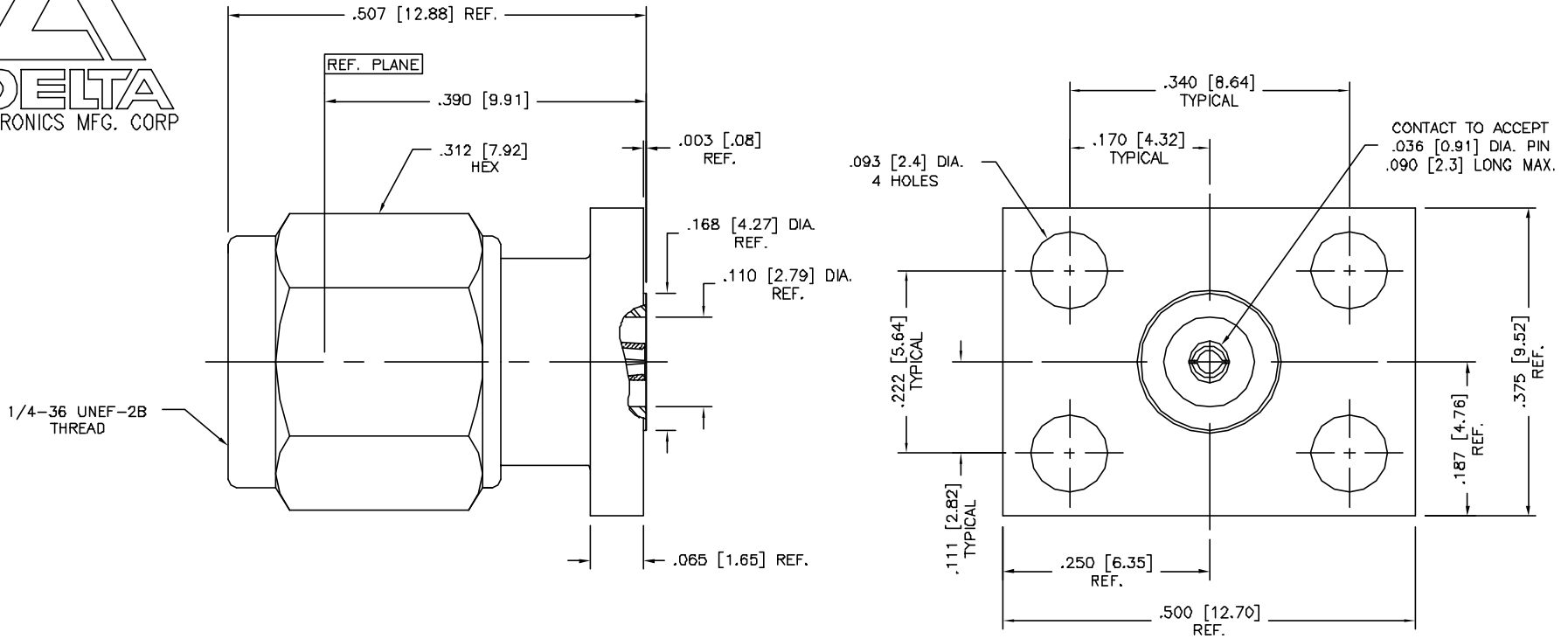




DIMENSIONS IN BRACKETS ARE IN MILLIMETERS AND ARE FOR REFERENCE ONLY.

1397-000-K911-010



**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' PANEL MOUNT PLUG RECEPTACLE, 4 HOLE<br>FLANGE, FIELD REPLACEABLE - ACCEPTS .036 DIA. PIN |       |                   |            |             |
| MATERIAL: SEE NOTE 2  |       |                   |            |             |
| FINISH: SEE NOTE 3  |       |                   |            |             |
| Rev'd   | Scale | Dwg. by           | Mfg. Appd. | Engr. Appd. |
| 3/11/05   | 8/1   |                   |            |             |
| CODE IDENT.-00795   |       | 1397-000-K911-010 |            |             |

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 | ENR APPD | MFG APPD |  |  |  |

FILE NAME: 1397000K911-010T PLT 8/1

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