





NOTES:

1. CONNECTOR INTERFACE IS DESIGNED IN ACCORDANCE WITH MIL-STD-348, EXCEPT AS NOTED.

2. MATERIAL: BODY & BUSHING - CORROSION RESISTANT STEEL PER ASTM A582. TYPE 303

CONTACT - BERYLLIUM COPPER, ALLOY C17300 PER ASTM B196.

UNLESS OTHERWISE SPECIFIED: TOLERANCES: 3 PLACES =  $\pm .005$ , 2 PLACES =  $\pm .02$ , ANGLES =  $\pm 1/2$ , SURFACE FINISH = 63

INSULATORS - TEFLON (PTFE), PER ASTM D1710

- ULTEM 1000 (PEI), PER ASTM D5205

3. FINISHES: BODY & BUSHING - PASSIVATE PER AMS-00-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: 03.75(CHz) dB MAXIMUM

INSERTION LOSS:  $.03\sqrt{f(GHz)}$  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.

_	OUTLINE	11/16/06					
	OOTLINE	117 107 00					
LT.	REVISIONS	DATE	_	REL ERN	×	$\supset$	$\supset$
PRODUCED, OR COPIED			ALT.	REVISIONS	DATE	ENGR APPD	MFG APPD
VRITTEN CONSENT.			FILE	NAME: 1.396000K821-002	T PIT (	8/1	-

DELTA ELECTRONICS MFG. CORP. Beverly, MA 01915

TITLE: 'SMA' THREAD—IN, PANEL MOUNT RECEPTACLE (F)
FIELD REPLACEABLE — ACCEPTS .015 DIA. PIN
MATERIAL:

SEE NOTE 2

FINISH: SEE NOTE 3

STM Scole 8/1 Ckd. by Mfg. Appd. Engr. Appd.

CODE DENT.-00795 1396-000-K821-002

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