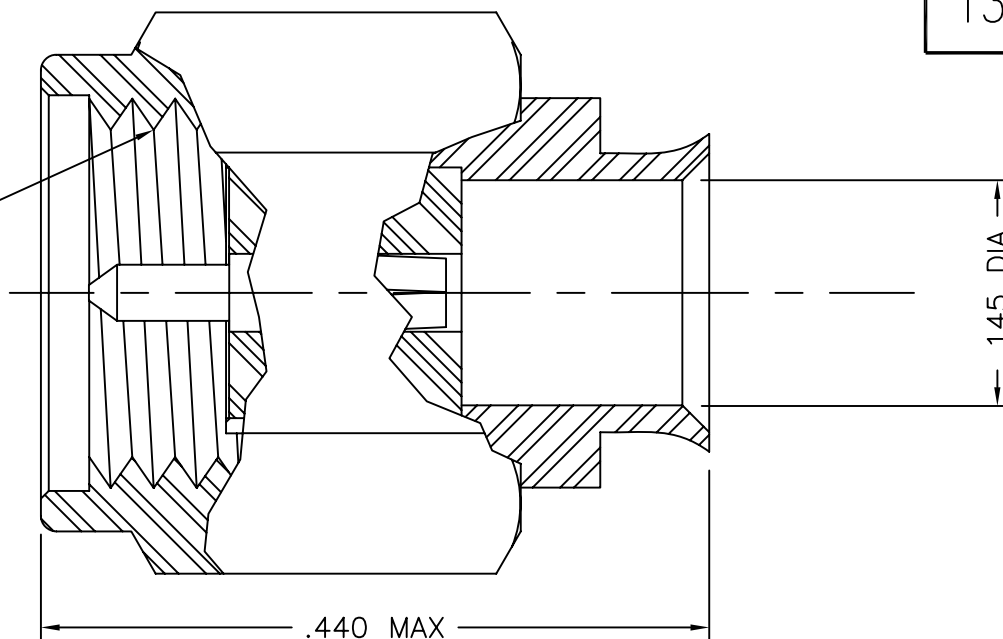




1301-031-K003-8

1/4-36 UNS 2B TH'D



NOTES:

1. ASSEMBLED CONNECTOR INTERFACE IS DESIGNED IN ACCORDANCE WITH MIL-STD-348.
2. MATERIAL: BODY & COUPLING NUT - CORROSION RESISTANT STEEL PER ASTM A582
CONTACT - BERYLLIUM COPPER PER ASTM B196.
GASKET - SILICONE RUBBER PER ZZ-R-765
INSULATOR - TEFLON PER ASTM D1710
3. FINISHES: COUPLING NUT - PASSIVATE PER QQ-P-35
BODY - GOLD PLATE, DEP WOODS NICKEL STRIKE .000010 MAX.
THICK THEN SULFAMATE NICKEL PLATE .00015 MIN. THICK
PER MIL-G-27418 THEN GOLD PLATE .00005 MIN. THICK
PER MIL-G-45204, TYPE II, CLASS 1.

CONTACT - GOLD PLATE, COPPER FLASH .00003 MIN. THICK PER
MIL-C-14550, THEN NICKEL PLATE .00005 MIN. THICK PER
QQ-N-290, CLASS 1, GRADE G, THEN GOLD PLATE .00005 MIN.
THICK PER MIL-G-45204, TYPE II, CLASS 1.

4. ELECTRICALS:
NOMINAL IMPEDANCE: 50 OHMS
VOLTAGE RATING: 500 V RMS @ SEA LEVEL
V.S.W.R: 1.05 + .01f(GHz)
DWV (AT SEA LEVEL): 1000 V RMS MIN.
FREQUENCY - DC - 22 GHz

5. MECHANICALS:
DURABILITY: 500 MATING CYCLES
COUPLING NUT PROOF TORQUE: 15 IN-LBS.
COUPLING NUT RETENTION: 60 LB MIN.
CENTER CONTACT RETENTION FORCE: 6 LBS. MIN AXIAL, BOTH DIRECTIONS /
4 IN-OZ MIN RADIAL FORCE

UNLESS OTHERWISE SPECIFIED: TOLERANCES: 3 PLACES = $\pm .005$, 2 PLACES = $\pm .02$, ANGLES = $\pm 1/2^\circ$

B	REVISED	2/27/07
A	REVISED	4/28/99
-	OUTLINE	2-25-97
ALT.	REVISIONS	DATE

DELTA ELECTRONICS MFG. CORP. Beverly, MA 01915

TITLE: 'SMA' "ONE STEP" PLUG FOR .141 DIA. SEMI-RIGID CABLE				
Drawn by KD 2-25-97	Scale 8/1	Ckd. by MR	Engr Appd MR	FILE NAME: 1301031K003-008T

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