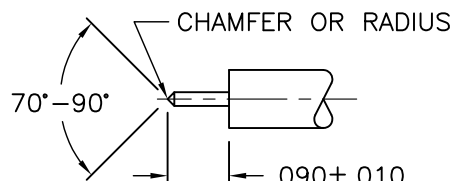
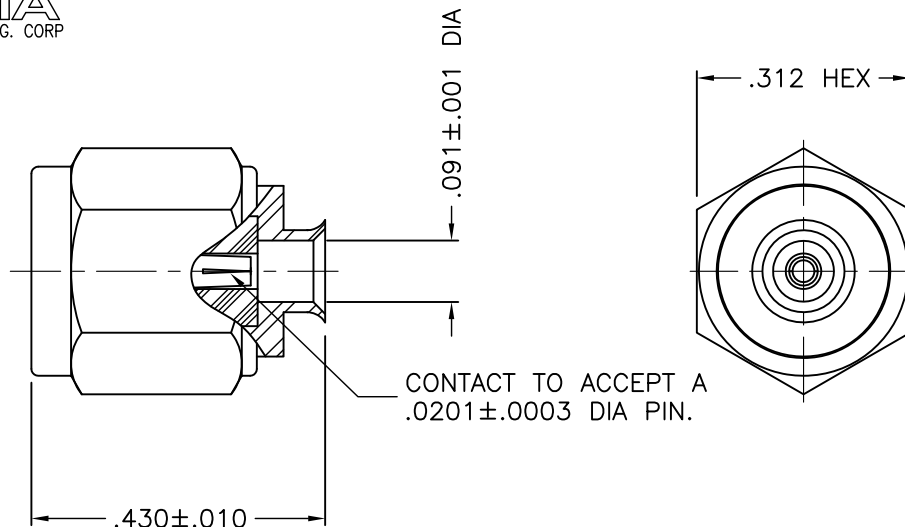




1301094K003-001



CABLE CUTTING DIMENSIONS

NOTES:

1. ASSEMBLED CONNECTOR INTERFACE IS DESIGNED IN ACCORDANCE WITH MIL-STD-348.
2. MATERIAL: BODY & COUPLING NUT - CORROSION RESISTANT STEEL PER ASTM A582, CLASS 303, COND. A.
LOCKING RING - PHOSPHOR BRONZE PER QQ-B-750
CONTACT - BERYLLIUM COPPER PER ASTM B196.
INSULATOR - TEFLON PER ASTM D1710
3. FINISHES: COUPLING NUT - PASSIVATE PER SAE-AMS-2700
BODY & CONTACT - GOLD PLATE PER ASTM B488

ELECTRICALS

IMPEDANCE	50	OHMS
FREQUENCY	DC - 18	GHz
VSWR	1.35 MAX	
INSERTION LOSS	.06√f(GHz)	dB(max)
VOLTAGE RATING	335 (see level)	V rms
	85 (70k ft)	V rms
DWV	1,000 MIN	V rms
INSULATION RESIST	5000 MIN	megOHMS

MECHANICALS

CAPTIVATION (CONTACT)		
AXIAL	6	lbs
ROTATIONAL	2	in-oz
DURABILITY	500	mates
COUPLING PROOF TORQUE	15	in-lbs
CABLE RETENTION	40 (AXIAL)	lbs
	16 (TORQUE)	in-oz

ENVIRONMENTAL

OPERATING TEMP	-65 to +165	C°
ALTITUDE	70,000	feet
CORROSION	Method 101, MIL-STD-202, Cond. B	
VIBRATION	Method 204, MIL-STD-202, Cond. B	
SHOCK	Method 213, MIL-STD-202, Cond. I	
THERMAL SHOCK	Method 107, MIL-STD-202, Cond. B	
MOISTURE RESIST.	Method 108, MIL-STD-202.	

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

A	REVISED	6/29/10
-	OUTLINE	12/8/06
ALT.	REVISIONS	DATE

DELTA ELECTRONICS MFG. CORP. Beverly, MA 01915

TITLE: 'SMA' ONE-STEP SOLDER PLUG
FOR .087 DIA SEMI-RIGID CABLE

Drawn by BJM 12/8/06	Scale 4/1	Ckd. by MR	Engr Appd MR	FILE NAME: 1301094K003-001T
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CODE IDENT.-00795

1301094K003-001

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