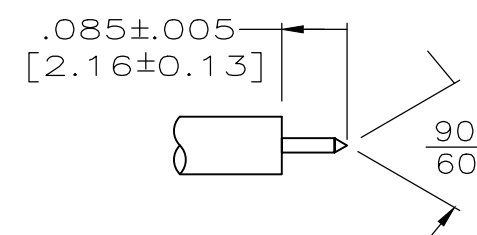
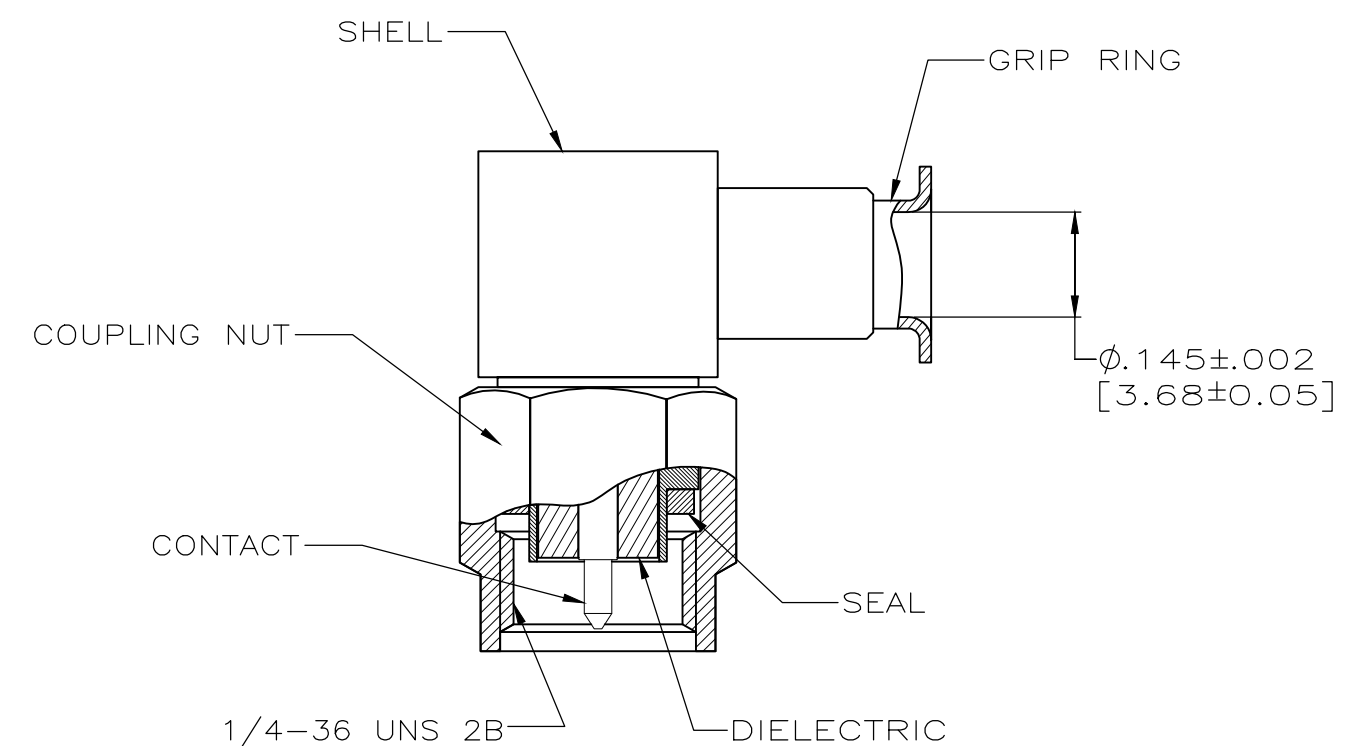
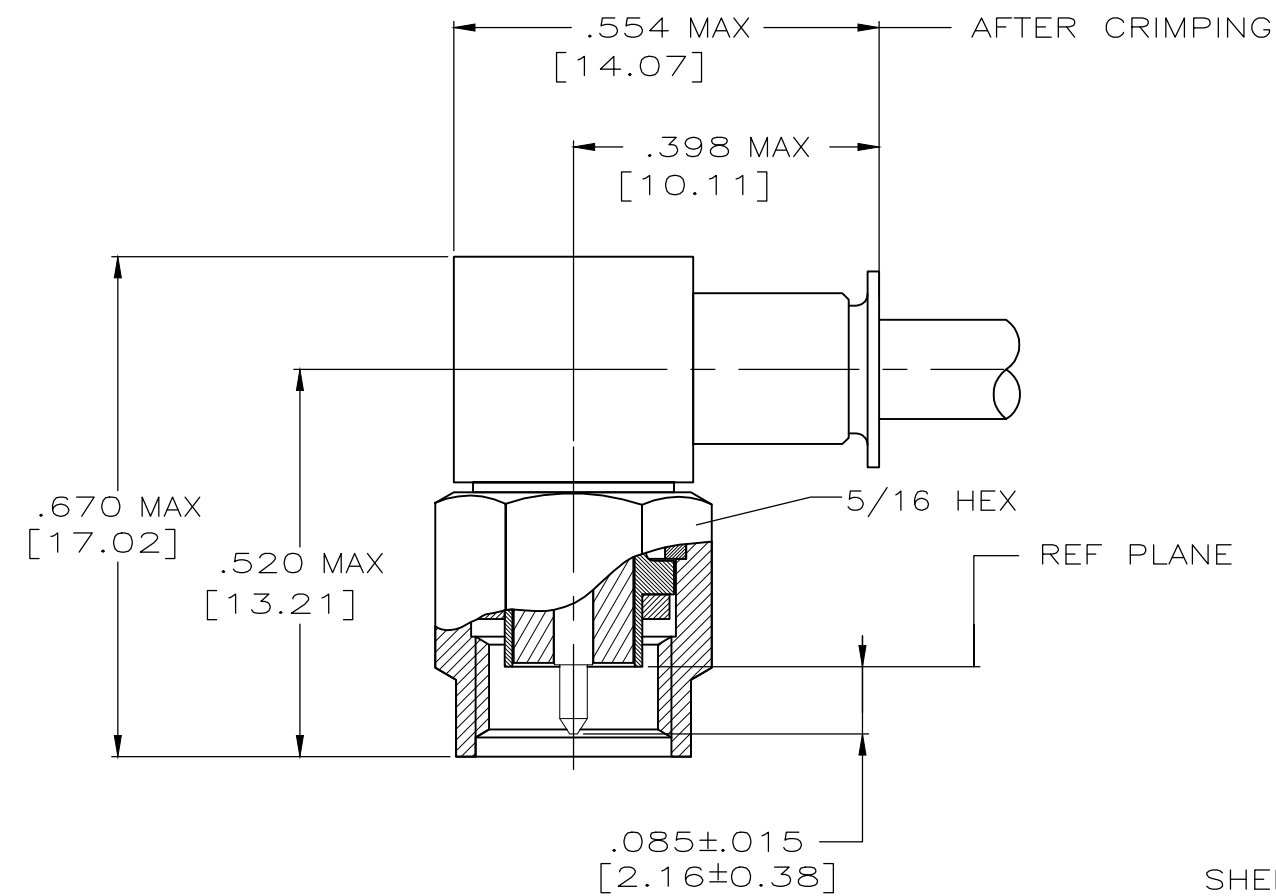


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HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER SAE-AMS-2700
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER ASTM-B-488 OVER NICKEL PLATE PER AMS-QQ-N-290
RETAINING RING	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17200, CONDITION H	NICKEL PLATE PER AMS-QQ-N-290
GASKET	FLUOROCARBON RUBBER PER MIL-R-83248	N/A
GRIP RING	BRASS PER ASTM B36	NICKLE PLATE PER AMS-QQ-N-290
COMPONENT	MATERIAL	FINISH

1. GROUP A & B INSPECTION PER MIL-PRF-39012.

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. <u>310.1</u>	TEMPERATURE RATING <u>-65°C TO +165°C</u>
Frequency Range (GHz) DC to <u>12.4</u>	Recommended Mating Torque <u>7-10 in-Lbs</u>	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>500</u>	Mating Characteristics: Insertion (MAX Lbs) <u>N/A</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.10 +.01</u> f(GHz)	Withdrawal (MIN Oz) <u>N/A</u>	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) <u>.05</u> $\sqrt{f(\text{GHz})}$	Force to Engage and Disengage (In-Lbs MAX) <u>2</u>	EXCEPT HIGH TEMP SHALL BE +115°C
RF Leakage (dB MIN) <u>90DB</u> 2-3 GHz	Center Contact Captivation Axial (Lbs) <u>6.0</u>	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Radial (In-Oz) <u>N/A</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,500</u>	Cable Retention Axial Force (Lbs) <u>60 Min</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>4.0</u>	Torque (In-Oz) <u>55</u>	
Outer Contact <u>2.0</u>		
Cable to Housing <u>0.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u>		
I.R.(Megohms MIN) <u>5,000</u>		



DESIGNED FOR USE WITH
.141 SEMI-RIGID CABLE

2221877-1

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 28AUG2013 CHK 8-28-13		 TE Connectivity	
DIMENSIONS: INCHES [mm]		TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 [0.13] 4 PLC ± - ANGLES ± -		NAME SMA RIGHT ANGLE CABLE PLUG ASSEMBLY, SOLDERLESS COMP, CRIMP ATTACHMENT -	
		APVD D.WILSON 8-28-13 PRODUCT SPEC 408-6788 APPLICATION SPEC -		SIZE A2 CAGE CODE 00779 DRAWING NO C-2221877 RESTRICTED TO -	
MATERIAL SEE TABLE		FINISH SEE TABLE		WEIGHT -	
CUSTOMER DRAWING				SCALE	8:1
				SHEET	1 OF 1
				REV	A