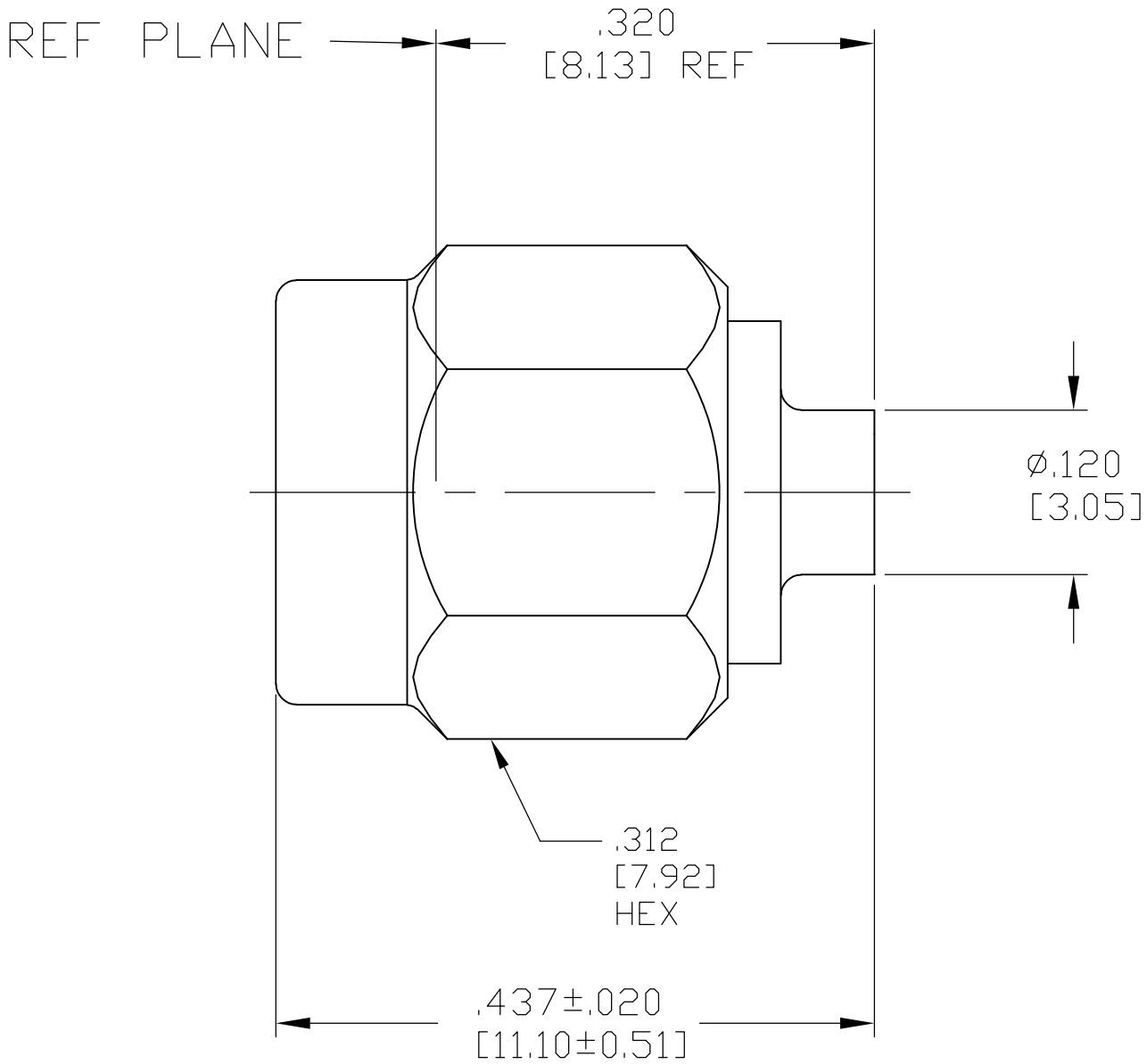


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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED PER ECO 09-011558	5-13-09	CT	DW

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER ASTM-B-488 OVER NICKEL PLATE PER QQ-N-290
COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H OR BRASS PER ASTM-B-16	GOLD PLATE PER ASTM-B-488 OVER COPPER PLATE PER MIL-C-14550
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
COMPONENT	MATERIAL	FINISH

DESIGNED FOR USE WITH Ø.085 [2.16] S.R. CABLE CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.0215 [0.546]
HOUSING	.088 [2.23]



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ωhms) 50	Interface Dimensions MIL-STD-348A	TEMPERATURE RATING -65°C TO 105°C
Frequency Range (GHz) DC to 18.0	Fig. 310.1	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 335	Recommended Mating Torque 7 to 10 in-LBs	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.07 + .008f(GHz)	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP 115°C
Insertion Loss (dB MAX) .03 √f(GHz)	Insertion (MAX Lbs) N/A	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -[90-f(GHz)]	Withdrawal (MIN Oz) N/A	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250	Force to Engage and Disengage (In-Lbs MAX) 2.0	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) N/A	
Center Contact 3.0	Radial (In-Oz) N/A	
Outer Contact 2.0	Cable Retention	
Cable to Housing 0.5	Axial Force (Lbs) 30	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670	Torque (In-Oz) 16	
I.R.(Megohms MIN) 5,000	Weight (Grams) T.B.D.	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 5-13-09 C.C.THOMAS	 Tyco Electronics Corporation Harrisburg, PA 17105-3608				
DIMENSIONS: INCHES [mm]		CHK 5-13-09 D.WILSON					
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME SMA STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT				
	0 PLC ± -	APVD 5-13-09 D.WILSON					
	1 PLC ± -	PRODUCT SPEC					
	2 PLC ± -	—					
	3 PLC ± -	APPLICATION SPEC					
4 PLC ± .005 [0.13]	408-4762	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
ANGLES ± 1°	WEIGHT TBD	A2	00779	C=1663539		—	
MATERIAL SEE TABLE	FINISH SEE TABLE	CUSTOMER DRAWING			SCALE 8:1	SHEET 1 of 1	REV A

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