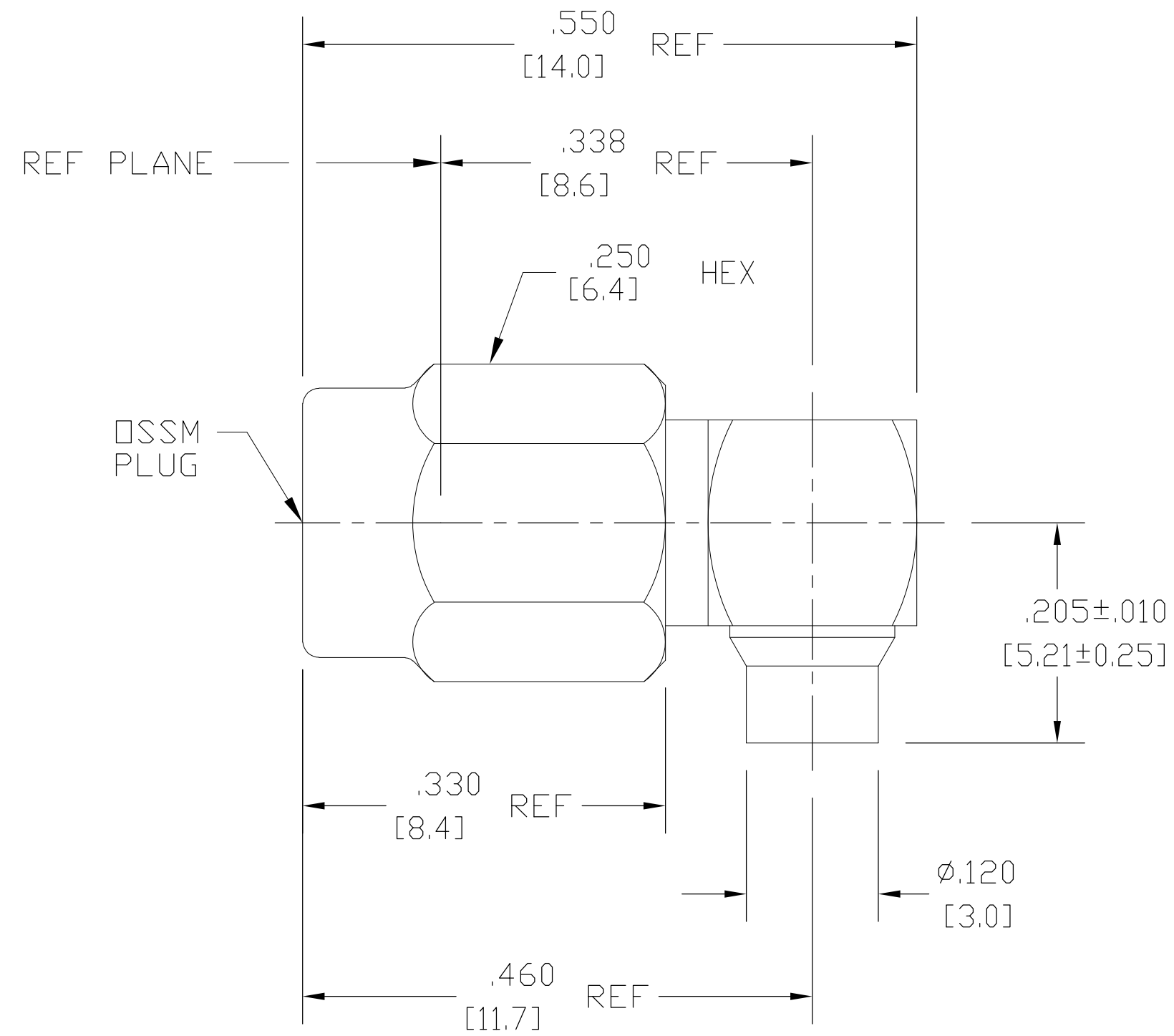


THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION	
© COPYRIGHT - By -		ALL RIGHTS RESERVED.	
HOUSING CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER ASTM-B-488	
COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380	
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A	
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER ASTM-B-488	
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	

LOC	DIST	REVISIONS					
-	-	P	LTR	DESCRIPTION	DATE	DWN	APVD
		B		REV PER ECO 15-008664	7-13-15	CT	WM

DESIGNED FOR USE WITH Ø.085 [2.15] SR CABLE CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.0875 [2.222]
CONTACT	.023 [0.58]

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A FIG. 319.1	TEMPERATURE RATING -55°C TO +165°C
Frequency Range (GHz) D.C. TO 26	Recoended Mating Torque (In-Lbs) 7-8	Vibration - MIL-STD-202, Method 204, Condition D
Volt Rating @ Sea Level (VRMS) 250 @ 70,000 Feet (VRMS) 60	Force to Engage and Disengage (In-Lbs MAX) 2.0	Shock - MIL-STD-202, Method 213, Condition I
VSWR 1.15 + .015 f(GHz)	Center Contact Captivation Axial (Lbs MIN) N/A Radial(In-Dz MIN) N/A	Thermal shock MIL-STD-202, Method 107 Test Condition B EXCEPT HIGH TEMP +85°C
Insertion Loss .04√fGHz	Coupling Nut Retention Torque (In-Lbs MIN) 60	Moisture Resistance - MIL-STD-202, Method 106
RF Leakage -[60 - f(GHz)] db MAX Corona, 70,000 Ft (VRMS MIN) 190	Cable Retention Axial Force (Lbs) 30 MIN Torque (In-Dz) 16 MIN	Corrosion - MIL-STD-202, Method 101, Condition B
Dielectric Withstanding Voltage (VRMS) 750	Weight (Grams) TBD	
Contact Resistance (Milliohms MAX) Center Contact 4.0 Outer Contact 2.0 Cable To Housing (Milliohms MAX) 0.5		
RF High Potential (VRMS MIN @ 5 MHz) 500		
I.R.(Megohms) 5000		



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 13JUL2015 C.C.THOMAS		
DIMENSIONS: INCHES [mm]		CHK 7-13-15 W.MOYER		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 7-13-15 W.MOYER	NAME OSSM RIGHT ANGLE CABLE PLUG DIRECT SOLDER ATTACHMENT	
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 [0.13] 4 PLC ± - ANGLES ± -		PRODUCT SPEC	SIZE A2	
MATERIAL SEE TABLE		APPLICATION SPEC 408-04792	CAGE CODE 00779	DRAWING NO C=1045423
FINISH SEE TABLE		WEIGHT -	RESTRICTED TO -	SCALE 8:1
		CUSTOMER DRAWING		SHEET 1 of 1
				REV B