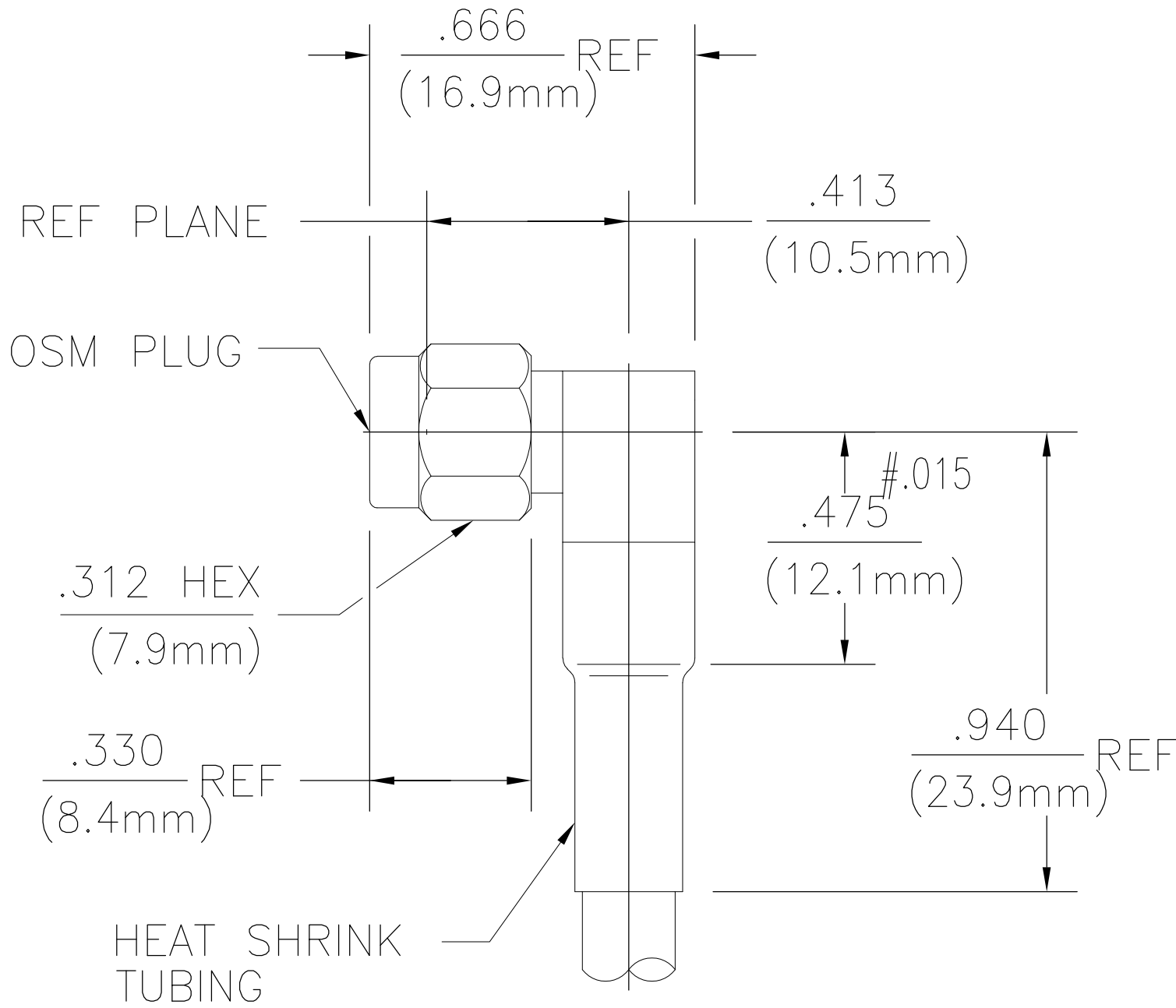


DESIGNED FOR USE WITH RG180/U & 195 CABLES CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.105
CONTACT	.025

LOC	DIST	REVISIONS					
AJ	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			C	ECO-13-005313	01APR13	MS	DW

1 GROUP A & B TESTING PER MIL-PRF-39012 REQUIRED.



1	1052080-2
-	1052080-1
NOTE	PART NUMBER

COUPLING NUT HOUSING CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
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 MIL-G-45204 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
FERRULE	SOFT COPPER ALLOY	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A
COMPONENT	MATERIAL	FINISH

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.1	TEMPERATURE RATING -65°C TO +125°C
Frequency Range (GHz) DC to 3.0	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 250	Torque 7 to 10 In/Lbs	Shock MIL-STD-202, Method 213, Condition I
RF Leakage (dB MIN) -[60 -f(GHz)]	Force to Engage and	Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP +85°C
Corona, 70,000 Ft (VRMS MIN) 190	Disengage (In/Lbs MAX) 2.0	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750	Center Contact Captivation	Shall Be Omitted
Contact Resistance (Milliohms MAX)	Axial (Lbs) 6.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Center Contact 2.0	Radial (In/Oz) 4.0	
Outer Contact 2.0	Cable Retention	
Cable to Housing 0.5	Axial Force (Lbs) 2.5	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500	Weight (Grams) 4.6	
I.R.(Megohms MIN) 10,000		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN E.J.C	12/9/68	TE Connectivity			
DIMENSIONS: INCHES		CHK -	-				
		APVD S.T.M	2/21/91	NAME			
		PRODUCT SPEC	-	OSM RIGHT ANGLE CABLE PLUG-CRIMP ATTACHMENT			
MATERIAL		APPLICATION SPEC	-	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
FINISH		WEIGHT	-	A2	00779	C=1052080	-
		CUSTOMER DRAWING		SCALE	2:1	SHEET	1 of 1
						REV	C