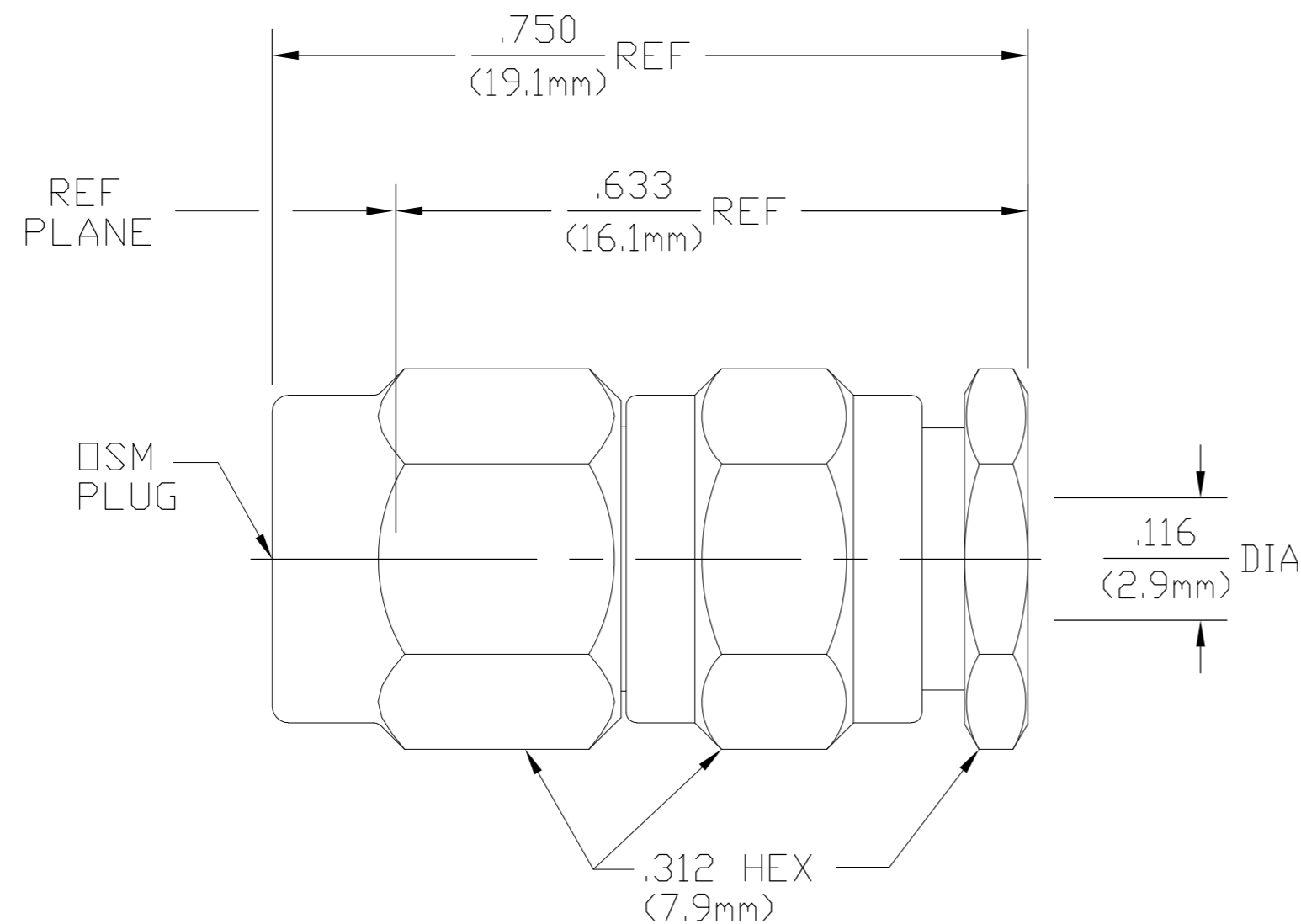


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DESIGNED FOR USE WITH RG188/U FLEXIBLE CABLE	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.0234
DIELECTRIC	.066
COLLAR	.0656
CLAMP NUT	.1124

LOC		DIST		REVISIONS					
AJ		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
				B		REV PER ECO 07-004710	3/14/2007	DW	KW



1050721-1
PART NUMBER

HOUSING COUPLING NUT CLAMP 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 MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
COLLAR	BRASS PER QQ-B-626 COMP. 360, HALF HARD	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
COMPONENT	MATERIAL	FINISH

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.1	TEMPERATURE RATING -65°C TO +165°C
Frequency Range (GHz) DC to 18	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 250	Torque 7-10 In-Lbs	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.15 + .02f(GHz)	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP 85°C
Insertion Loss (dB MAX) .06 √f (GHz)	Insertion (MAX Lbs) N/A	Moisture Resistance MIL-STD-202, Method 106 Step 7b (Vibration)
RF Leakage (dB MIN) -[60-f(GHz)]	Withdrawal (MIN Oz) N/A	Shall Be Omitted
Corona, 70,000 Ft (VRMS MIN) 190	Force to Engage and Disengage (In-Lbs MAX) 2	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) 6 Min	
Center Contact 3.0	Radial (In-Oz) N/A	
Outer Contact 2.0	Cable Retention	
Cable to Housing 0.5	Axial Force (Lbs) 20 MIN	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500	Torque (In-Oz) N/A	
I.R.(Megohms MIN) 5,000	Weight (Grams) TBD	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	KRW	6/6/74
CHK	RMF	6/7/67
APVD	BJ	6/7/74

tyco Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME: OSM STRAIGHT CABLE
PLUG CLAMP ATTACHMENT

SIZE	A2	CAGE CODE	00779	DRAWING NO	C=1050721	RESTRICTED TO	-
SCALE	5:1	SHEET	1 of 1	REV	B		

CUSTOMER DRAWING