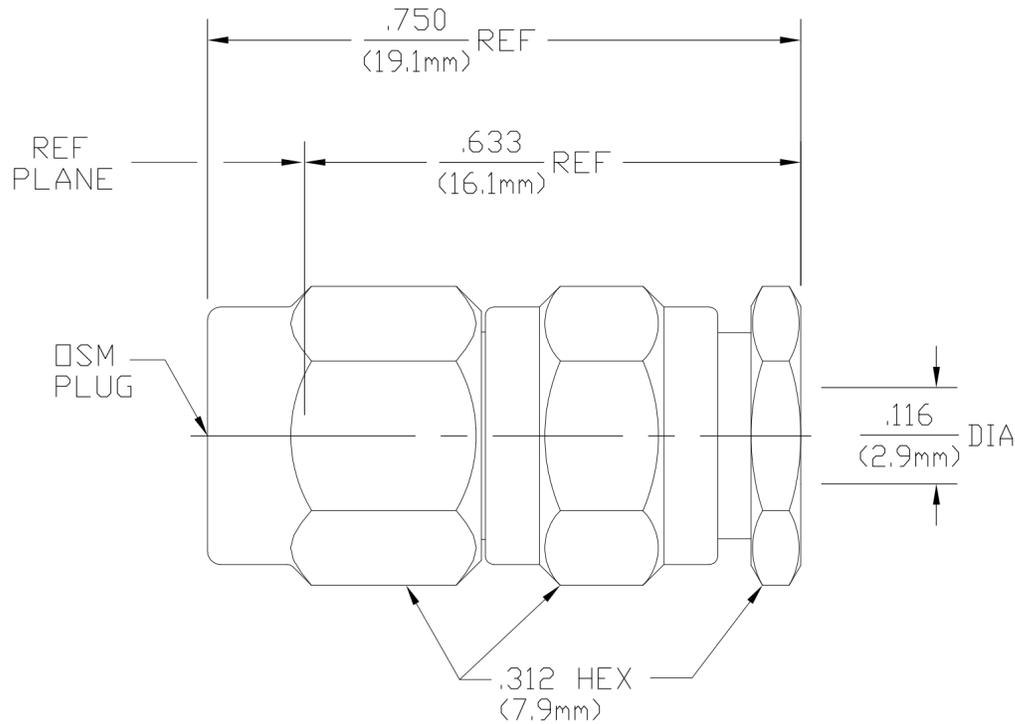


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DESIGNED FOR USE WITH RG188/U FLEXIBLE CABLE	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.0234
DIELECTRIC	.066
COLLAR	.0656
CLAMP NUT	.1124

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

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

COMPONENT	MATERIAL	FINISH
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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KRW 6/6/74	 Tyco Electronics Corporation Harrisburg, PA 17105-3608
DIMENSIONS: INCHES		CHK RMF 6/7/67	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD BJ 6/7/74	
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - ANGLES ± 1°		PRODUCT SPEC -	
MATERIAL -	FINISH -	APPLICATION SPEC -	NAME OSM STRAIGHT CABLE PLUG CLAMP ATTACHMENT
CUSTOMER DRAWING		WEIGHT -	SIZE A2 CAGE CODE 00779 DRAWING NO C=1050721 RESTRICTED TO -
		SCALE 5:1	SHEET 1 of 1 REV B