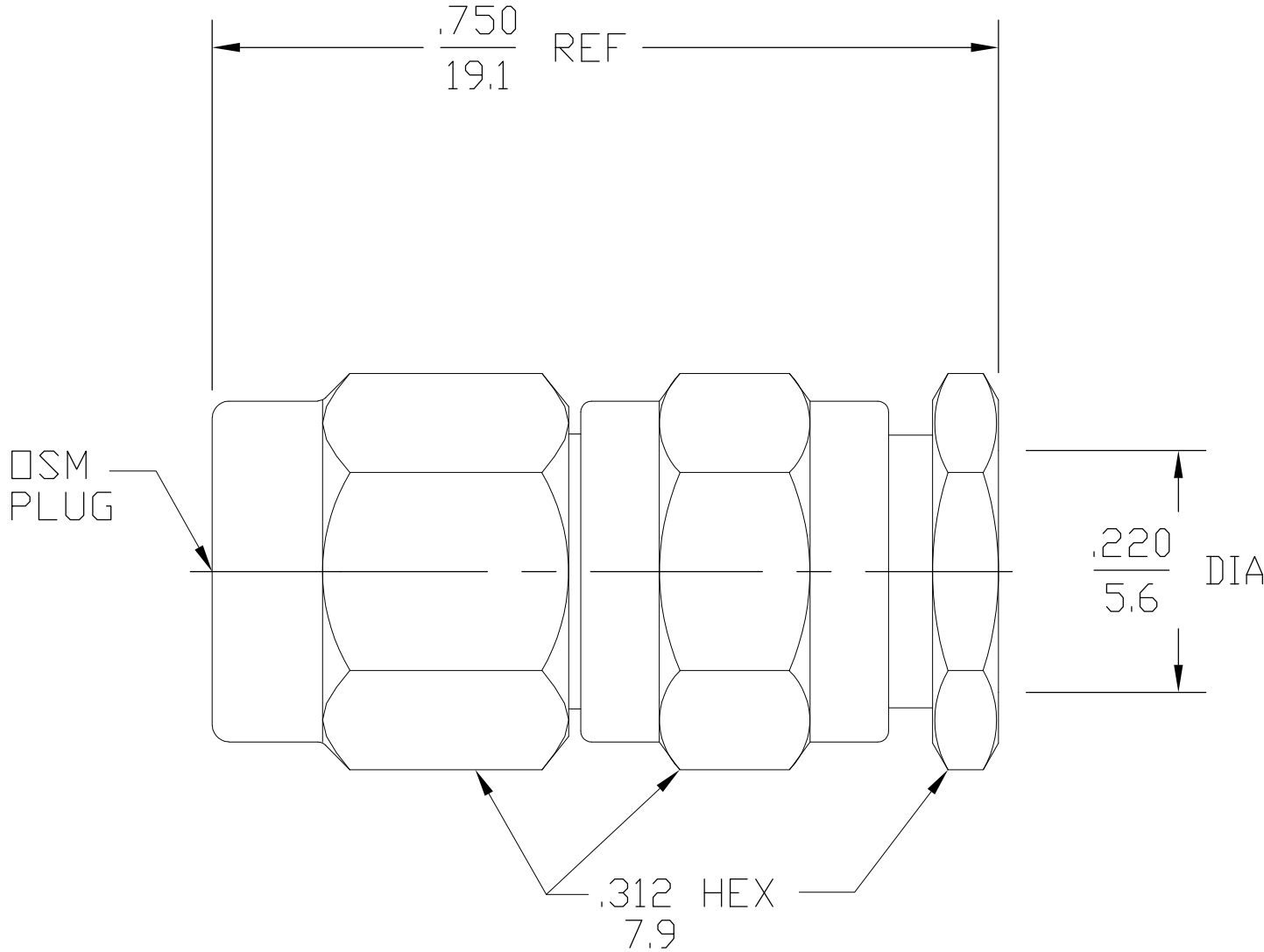


DESIGNED FOR USE WITH RG142/U FLEXIBLE CABLE CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.042
DIELECTRIC	.122
COLLAR	.122
CLAMP NUT	.220

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



1050717-1

PART
NUMBER

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 310.1	
Frequency Range (GHz) <u>DC to 12.4</u>	Recommended Mating Torque <u>7-10 In-Lbs</u>	TEMPERATURE RATING <u>-65°C TO +165°C</u>
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Mating Characteristics: Insertion (MAX Lbs) <u>N/A</u>	Vibration MIL-STD-202, Method 204, Condition D
VSWR <u>1.15 + .01f(GHz)</u>	Withdrawal (MIN Oz) <u>N/A</u>	Shock MIL-STD-202, Method 213, Condition I
Insertion Loss (dB MAX) <u>.06 √f GHz</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2</u>	Thermal Shock MIL-STD-202, Method 107, Condition B
RF Leakage (dB MIN) <u>-[60-f(GHz)]</u>	Center Contact Captivation Axial (Lbs) <u>6 Min</u>	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Radial (In-Oz) <u>N/A</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u>	Cable Retention Axial Force (Lbs) <u>45 MIN</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u>	Torque (In-Oz) <u>N/A</u>	
Outer Contact <u>2.0</u>	Weight (Grams) <u>TBD</u>	
Cable to Housing <u>0.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>		
I.R.(Megohms MIN) <u>5,000</u>		

HOUSING COUPLING NUT CLAMP NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204
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
COLLAR	BRASS PER QQ-B-626 COMP. 360, HALF HARD	GOLD PLATE PER MIL-G-45204
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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BWC		6/2/67		tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105-3608									
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK EJD		8/9/67		NAME OSM STRAIGHT CABLE PLUG CLAMP ATTACHMENT —							
		0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± .005 4 PLC ± — ANGLES ± 1°		APVD DJ		8/10/67						PRODUCT SPEC —			
				APPLICATION SPEC —		—						—			
MATERIAL —		FINISH —		WEIGHT —		A2		SIZE 00779		CAGE CODE C=1050717		DRAWING NO		RESTRICTED TO —	
CUSTOMER DRAWING						SCALE 5:1		SHEET 1 of 1		REV B					