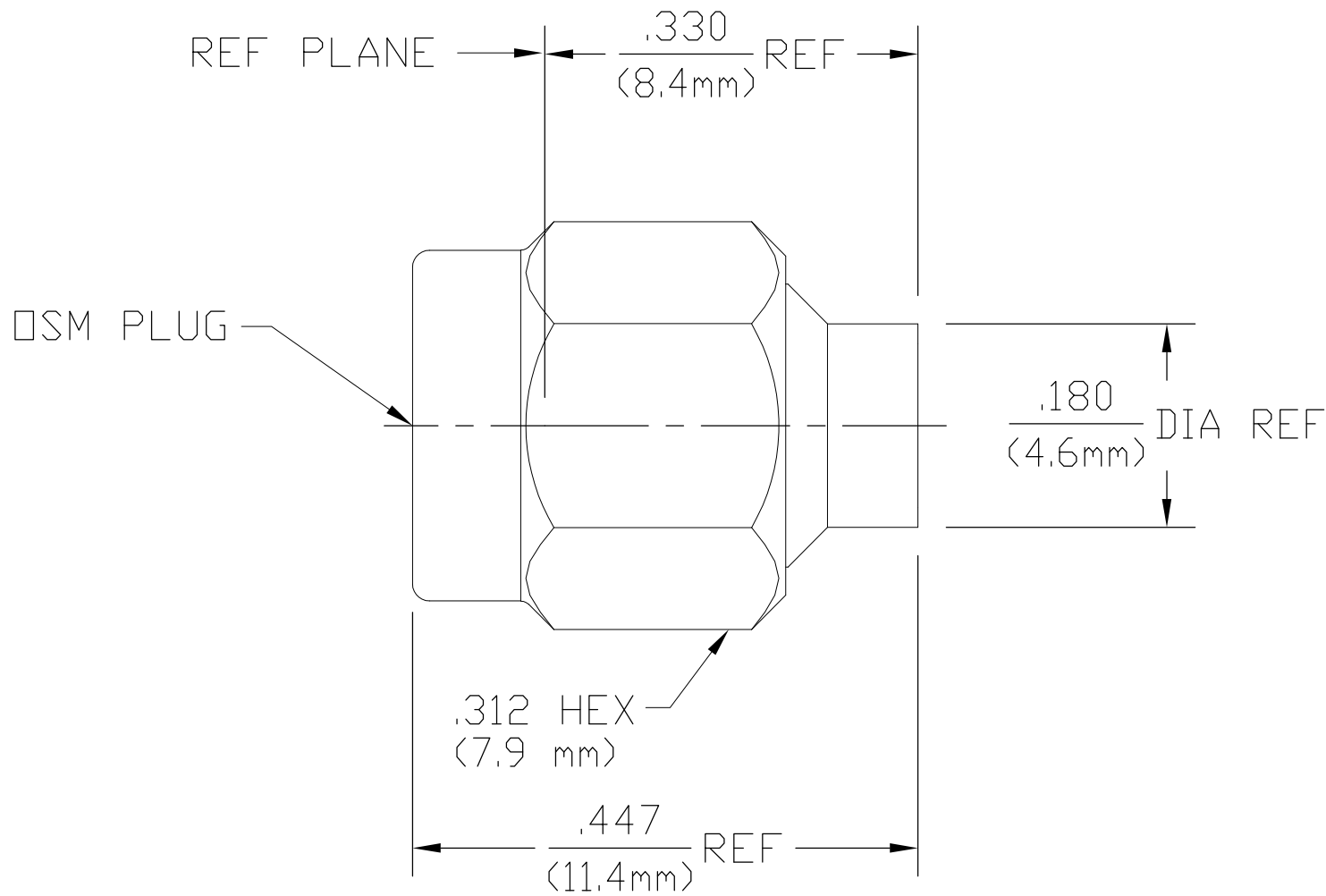


DESIGNED FOR USE WITH .141 DIA S.R. CABLE		LOC AJ	DIST 00	REVISIONS					
CABLE ENTRY DIAMETER MINIMUM				P	LTR	DESCRIPTION	DATE	DWN	APVD
HOUSING					A2	REV PER ECO 08-001195	29JAN2008	DW	BW
.144									



1 PART NUMBER IS CONTROLLED BY
PRODUCT INFORMATION MANAGEMENT
SPECIFICATION 126-1018

1	1050541-2
	1050541-1
	PART NUMBERS

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.3	TEMPERATURE RATING -65°C TO 105°C
Frequency Range (GHz) DC to 18.0	Recommended Mating Torque 7 to 10 in-LBs	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 335	Mating Characteristics: Insertion (MAX Lbs) N/A	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.02 + .005f(GHz)	Withdrawal (MIN Oz) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) .03 √f(GHz)	Force to Engage and Disengage (In/Lbs MAX) 2.0	EXCEPT HIGH TEMP 115°C
RF Leakage (dB MIN) -(90-f(GHz)	Center Contact Captivation Axial (Lbs) N/A	Moisture Resistance MIL-STD-202, Method 106, No Measurement At
Corona, 70,000 Ft (VRMS MIN) 250	Cable Retention Axial Force (Lbs) 60 MIN	High Humidity
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level N/A	Torque (In/Oz) 55	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Contact Resistance (Milliohms MAX) Center Contact N/A	Weight (Grams) T.B.D.	
Outer Contact 2.0		
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670		
I.R.(Megohms MIN) 10,000		

HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
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 JPD	9/2/76	Tyco Electronics Corporation Harrisburg, PA 17105-3608			
DIMENSIONS: INCHES		CHK ECA	2/17/77				
		APVD PD	2/18/77	NAME SMA STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT (2001-5031-00)			
		PRODUCT SPEC		-			
MATERIAL -		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC		SIZE A2	
		0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - ANGLES ± 1°		-		CAGE CODE 00779	
		FINISH -		WEIGHT -		DRAWING NO C=1050541	
				CUSTOMER DRAWING		RESTRICTED TO -	
				SCALE 5:1		SHEET 1 of 1	
						REV A2	