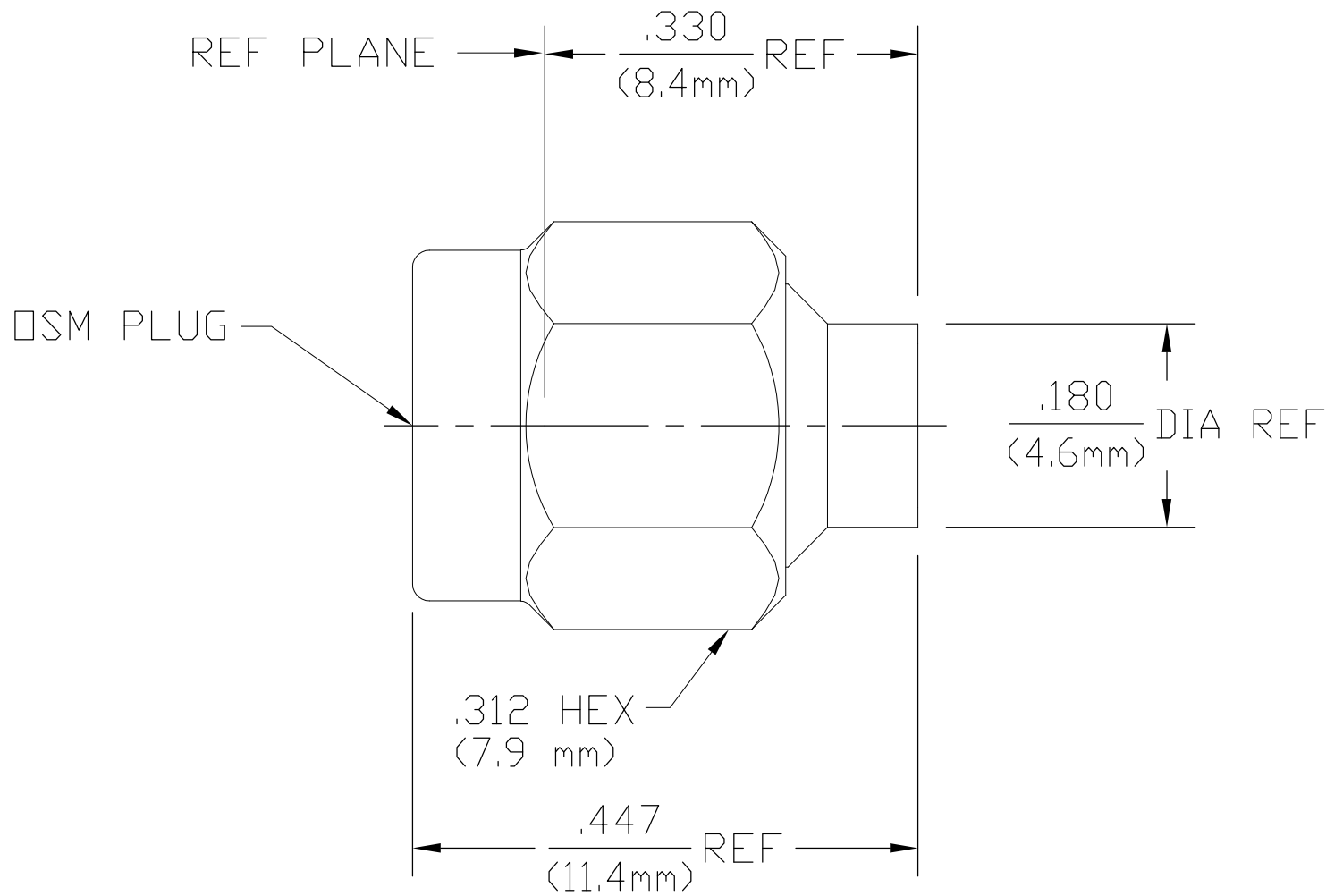


DESIGNED FOR USE WITH .141 DIA S.R. CABLE CABLE ENTRY DIAMETER MINIMUM		LOC AJ	DIST 00	REVISIONS					
				P	LTR	DESCRIPTION	DATE	DWN	APVD
					A2	REV PER ECO 08-001195	29JAN2008	DW	BW
HOUSING	.144								



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:	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.02 + .005f(GHz)	Insertion (MAX Lbs) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) .03 √f(GHz)	Withdrawal (MIN Oz) N/A	EXCEPT HIGH TEMP 115°C
RF Leakage (dB MIN) -(90-f(GHz)	Force to Engage and Disengage (In/Lbs MAX) 2.0	Moisture Resistance MIL-STD-202, Method 106, No Measurement At
Corona, 70,000 Ft (VRMS MIN) 250	Center Contact Captivation	High Humidity
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level N/A	Axial (Lbs) N/A	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Contact Resistance (Milliohms MAX)	Radial (In/Oz) N/A	
Center Contact N/A	Cable Retention	
Outer Contact 2.0	Axial Force (Lbs) 60 MIN	
Cable to Housing 0.5	Torque (In/Oz) 55	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670	Weight (Grams) T.B.D.	
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	-			
		APPLICATION SPEC	-			
		WEIGHT	-			
MATERIAL -		FINISH -	SIZE A2	CAGE CODE 00779	DRAWING NO C=1050541	RESTRICTED TO -
CUSTOMER DRAWING			SCALE 5:1	SHEET 1 of 1	REV A2	