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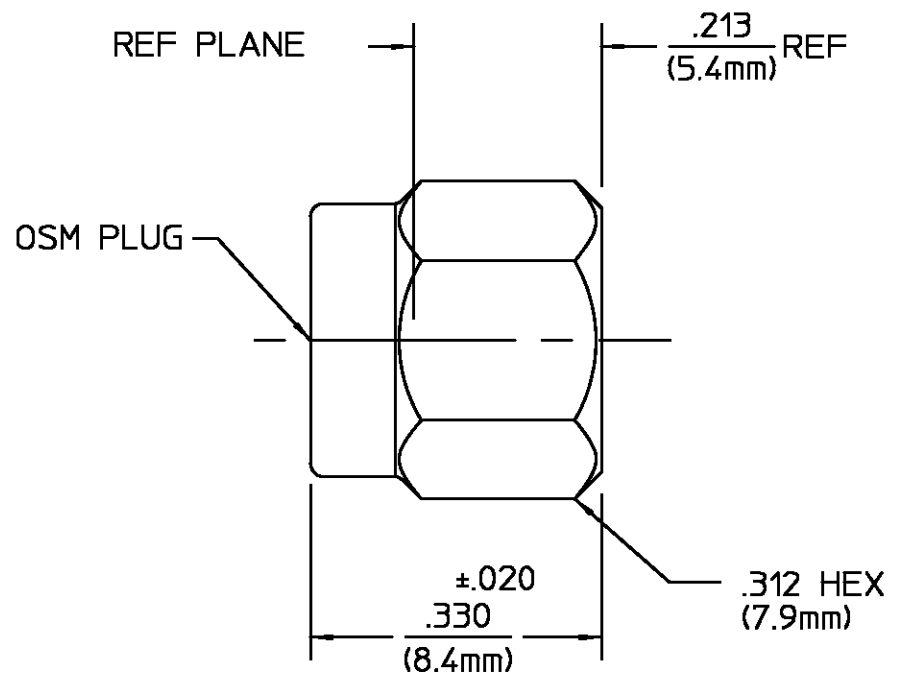
**JAMECO**<sup>®</sup>  
ELECTRONICS

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Jameco Part Number 748019

DESIGNED FOR USE WITH .141 DIA S.R. CABLE		REVISIONS			
CABLE ENTRY DIAMETER MINIMUM	HOUSING	REV	DESCRIPTION	DATE	APPROVED
	.144 (3.7mm)	01 <sub>1</sub>	THREAD CALLOUT WAS -2A, ECN 79-0025	DM 4-21-79	5/5/79
		01 <sub>3</sub>	AP# 20-001 WAS 3, ECN 80-0084	DC 2/8/80	TS 2/11/80
		01 <sub>4</sub>	REDRAWN ON CAD PER ECN 88-0678	BB 9-3-91	<i>RNF</i> 12/5/91



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

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
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY JPD DATE 9/8/76 CHECKED BY ECA 11/16/76 APPD BY RNF 12/6/76	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
These drawings and specifications are the property of Omni Spectra Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission.	USE ASS'Y PROCEDURE  408-04761 NO. AP. (20-001)	TITLE OSM STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT
	SIZE B	CODE IDENT NO. 26805
	SCALE 5:1	2001-7941-00
		REV 01 <sub>4</sub>
		SHEET 1 OF 1