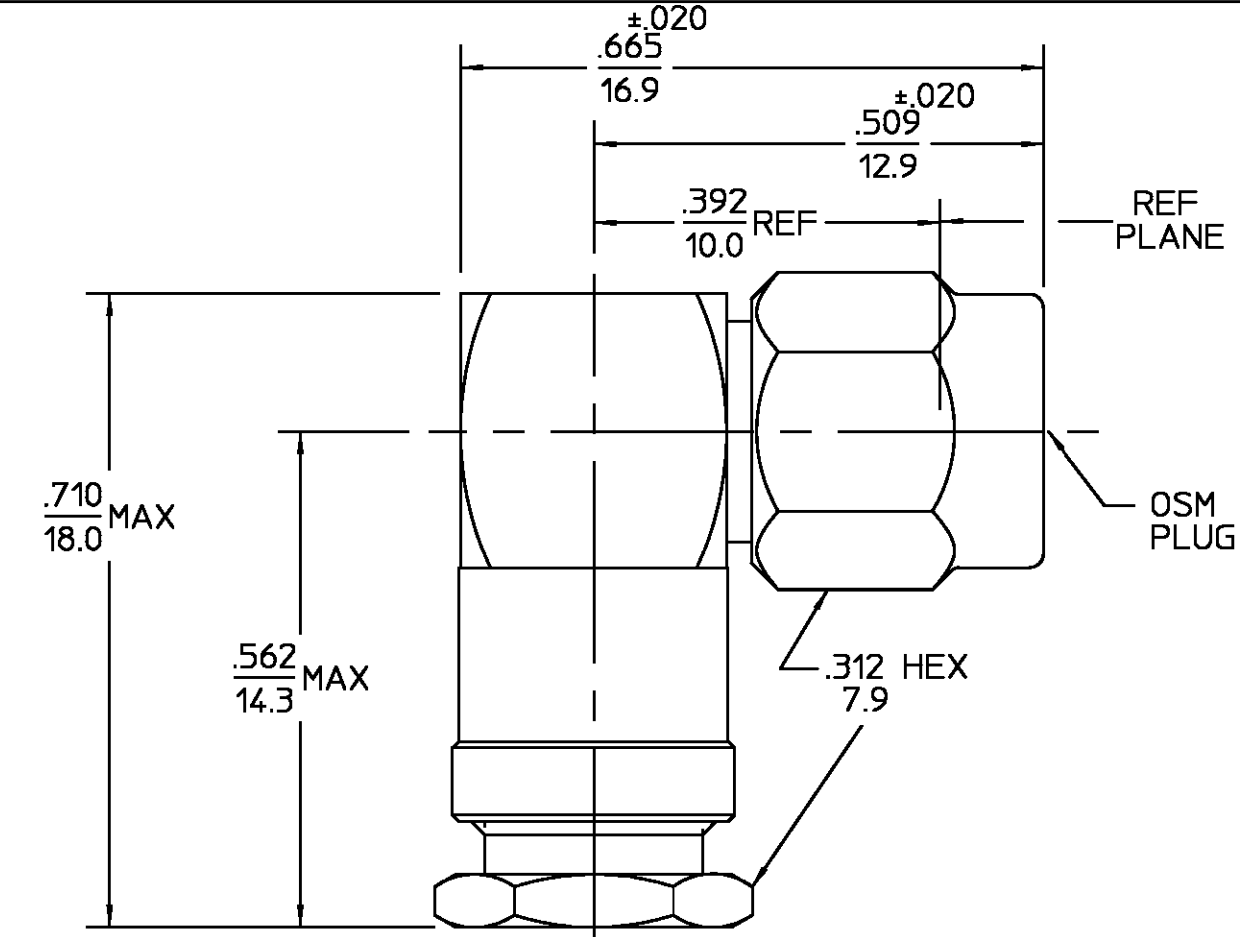




DESIGNED FOR USE WITH RG-141/U CABLE	
CABLE ENTRY DIAMETER MINIMUM	
COLLAR	.120
CONTACT SLOT	.040

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
021	REVISED	DAC 6/15/99	DCM 6/16/99

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.1	Temperature Rating -65°C To +125°C
Frequency Range (GHz) DC to 12.4	Recommended Mating Torque 7-10 in-Lbs	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 250	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.10 ±.005 f(GHz)	Insertion (MAX Lbs) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B, except high temp shall be +85°C
Insertion Loss (dB MAX) .08 √f(GHz)	Withdrawal (MIN Oz) N/A	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -[60-f(GHz)]	Force to Engage and Disengage (In-Lbs MAX) 2	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Axial (Lbs) 6.0	
Contact Resistance (Milliohms MAX)	Radial (In-Oz) 4.0	
Center Contact 2.0	Cable Retention	
Outer Contact 2.0	Axial Force (Lbs) 30 Min	
Cable to Housing 0.5	Torque (In-Oz) N/A	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670		
I.R.(Megohms MIN) 10,000		

HOUSING COUPLING NUT CLAMP NUT CAP	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 COLLAR	BRASS PER ASTM-B-16, 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		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°	DRAWN BY R.N.L. DATE 7-26-74 CHECKED BY RMF 8-1-74 APPD BY R.B. 8-1-74	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599		
These drawings and specifications are the property of AMP 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 408-04965 (20-077) NO. A.P. _____	TITLE OSM RIGHT ANGLE CABLE PLUG CLAMP ATTACHMENT		
	SIZE B	CODE IDENT NO. 26805	2007-7141-02	REV 021
	SCALE 5:1	SHEET 1 OF 1		

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