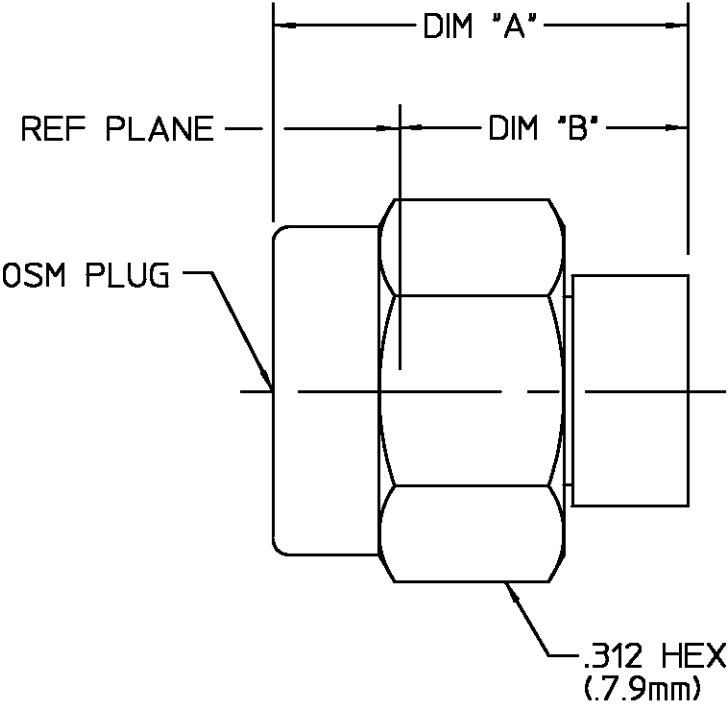




CABLE ENTRY DIAMETER MINIMUM		REVISIONS			
		REV	DESCRIPTION	DATE	APPROVED
HOUSING	.143	A1	REVISED PER ECO-11-005294	13APR11	HMR

- NOTES:
1. DESIGNED FOR USE WITH .141 DIA (RG 402/U) SEMI-RIGID CABLE.
 2. PICTORAL VIEW IS AFTER CRIMPING.
 3. MIN. STRAIGHT CABLE LENGTH .389
 4. IT IS SUGGESTED TO BEND CABLE PRIOR TO CRIMPING.

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348	Temperature Rating <u>-65° to +105°C</u>
Frequency Range (GHz) DC to <u>18</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>500</u>	Torque <u>7-10</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.035+0.005f(GHz)</u>	Center Contact Captivation	Thermal Shock MIL-STD-202, Method 102, Condition C
Insertion Loss (dB MAX) <u>.03x√f(GHz)</u>	Axial (Lbs) <u>6</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Interface Only, Fully Mated) <u>-(100-f(GHz))</u>	Cable Retention	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Axial Force (Lbs) <u>60</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1500</u>	Torque (In/Oz) <u>55</u>	
Contact Resistance (Milliohms MAX)		
Center Contact <u>2.0</u>		
Outer Contact <u>2.0</u>		
Cable to Housing <u>0.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1000</u>		
IR.(Megohms MIN) <u>5000</u>		

	DIM "A"	DIM "B"	(RG 402/U) SEMI-RIGID CABLE.		
BEFORE CRIMPING	.502 REF (12.8mm)	.385 REF (9.8mm)	2. PICTORAL VIEW IS AFTER CRIMPING.		
AFTER CRIMPING	.400 MAX (10.2mm)	.272 REF (6.9mm)	3. MIN. STRAIGHT CABLE LENGTH .389		
			4. IT IS SUGGESTED TO BEND CABLE PRIOR TO CRIMPING.		
COUPLING NUT HOUSING BUSHING GASKET		STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303 SILICONE RUBBER PER ZZ-R-765	PASSIVATE PER QQ-P-35 N/A		
COMPONENT		MATERIAL	FINISH		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°		DRAWN BY D.CAM DATE 10/12/82 CHECKED BY RMF 10/22/82 APPD BY RMF 10/27/82	 TE Connectivity		
	USE ASS'Y PROCEDURE 408-04690 NO. AP. (20-198)	TITLE OSM STRAIGHT CABLE PLUG - COMPRESSION CRIMP ATTACHMENT			
		SIZE B	CODE IDENT NO. 26805	1050740-1	REV A1
		SCALE 6:1			SHEET 1 OF 1