



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

NOTES:

- DESIGNED FOR USE WITH .141 DIA (RG 402/U) SEMI-RIGID CABLE.
- PICTORAL VIEW IS AFTER CRIMPING.
- MIN. STRAIGHT CABLE LENGTH .389
- 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"
BEFORE CRIMPING	.502 REF (12.8mm)	.385 REF (9.8mm)
AFTER CRIMPING	.400 MAX (10.2mm)	.272 REF (6.9mm)

COMPONENT	MATERIAL	FINISH
COUPLING NUT HOUSING BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY D.CAM	DATE 10/12/82	
	CHECKED BY RMF	10/22/82	
	APPD BY RMF	10/27/82	

USE ASS'Y PROCEDURE	TITLE	OSM STRAIGHT CABLE PLUG - COMPRESSION CRIMP ATTACHMENT	
NO. AP. <u>408-04690</u> <u>(20-198)</u>	SIZE	CODE IDENT NO.	REV
	B	26805	A1
	SCALE	1050740-1	SHEET 1 OF 1
	6:1		