



DESIGNED FOR USE WITH	.141 SR CABLE
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.144 (3.66)
CONTACT	.037 (0.94)

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B1	REVISED PER ECO-11-005294	13APR11	HMR

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
RETAINING RING	PHOSPHOR BRONZE PER QQ-B-750, GRADE B2	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 304.1	Temperature Rating -65°C TO +105°C
Frequency Range (GHz) DC to 18	Recommended Mating Torque 12-15 LBS	Vibration MIL-STD-1344, Method 2005, Condition IV, 30g Peak.
Volt Rating (VRMS MAX) @ Sea Level 500	Force to Engage and Disengage (In/Lbs MAX) 6.0	Shock MIL-STD-1344, Method 2004, Condition G
VSWR 1.06 + .007 f(GHz)	Cable Retention Axial Force (Lbs) 60	Thermal Shock MIL-STD-1344, Method 1003, Condition A, Except High Temp 115°C
Insertion Loss (dB MAX) .05 √f(GHz)	Torque (In/Oz) 55	Humidity MIL-STD-1344, Method 1002.
RF Leakage (dB MIN) -90 @ 2-3 GHz	Weight (Grams) 20.6	No measurements at high humidity.
Corona, 70,000 Ft (VRMS MIN) 375		Insulation resistance shall be at least 200 megohms within 5 minutes after removal from humidity.
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1,500		
Contact Resistance (Milliohms MAX)		
Center Contact 1.5		
Outer Contact 2.0		
Cable to Housing 2.0		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1,000		
I.R.(Megohms MIN) 5,000		

COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON		
FRAC.	DEC.	ANGLES
± 1/64	±.005	± °
DRAWN BY DRB	DATE 6-15-67	
CHECKED BY EDT	7-19-67	
APPD BY D.NANIA	9-25-67	
USE ASS'Y PROCEDURE		
408-04915 (30-001)		
NO. AP.		
TITLE TYPE N STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT		
SIZE B	CODE IDENT NO. 26805	1057088-1
SCALE 4:1		REV B1
SHEET 1 OF 1		

CUSTOMER DRAWING