



DESIGNED FOR USE WITH	.141 S.R. (RG 402/U)	
CABLE ENTRY DIAMETER MINIMUM	REV	010
HOUSING	.143	
CONTACT	.037	

REVISIONS		DATE	APPROVED
DESCRIPTION	REV	7/16/93	<i>Cal</i>
FELE-SED	010		

NOTES:

1. PICTORIAL VIEW IS AFTER CRIMPING
2. MIN STRAIGHT CABLE LENGTH: .292
3. IT IS SUGGESTED TO BEND CABLE PRIOR TO CRIMPING

BEFORE CRIMPING	.721 REF (18.3 mm)	.645 REF (16.4 mm)
AFTER CRIMPING	.606 ± .010 (15.4 mm)	.530 REF (13.5 mm)
	DIM 'A'	DIM 'B'

ELECTRICAL	MECHANICAL	ENVIRONMENTAL	HOUSING BUSHING	STAINLESS STEEL PER ASTM-A464 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A360
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348 Fig 310.2	Temperature Rating -65° to +165°C	DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457.	N/A
Frequency Range (GHz) DC to 18	Recommended Mating Torque 7-10 in-lbs	Vibration MIL-STD-202, Method 204, Condition D	CENTER CONTACT	BERYLLIUM COPPER PER ASTM B196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
Volt Rating (VRMS MAX) @ Sea Level 500	Center Contact Captivation Axial (Lbs) 6	Shock MIL-STD-202, Method 213, Condition I	COMPONENT	MATERIAL	FINISH
VSWR 1.05-.01(GHz)	Radiat (in/Oz) NONE	Thermal Shock MIL-STD-202, Method 102, Condition C	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON		
Insertion Loss (dB MAX) .03x √(GHz)	Cable Retention Axial Force (Lbs) 60	Moisture Resistance MIL-STD-202, Method 106	DRAWN BY <i>Domello</i> DATE 6/3/93		
RF Leakage (dB MIN) +90 @ 2-3 GHz	Torque (in/Oz) 55	Corrosion - MIL-STD-202, Method 101, Condition B	CHECKED BY <i>Cal</i> DATE 7/16/93		
Corona, 70,000 Ft (VRMS MIN) 375	Weight (Grams) 2.1		M/A-COM Omni Spectra, Inc. Waltham, Massachusetts		
Dielectric Withstanding Voltage (VRMS MIN @ Sea Level 1500)	Mating Characteristics Insertion (Max Lbs) 3		M/A-COM OMNI SPECTRA		
Contact Resistance (Milliohms MAX) Center Contact 3.0	Withdrawal (in Oz) 1		TITLE SMA STRAIGHT CABLE JACK COMPRESSION CRIMP ATTACHMENT M39012/81B3004		
Outer Contact 2.0	Connector Engagement and Disengagement (in/Lbs Max) 2		USE ASSY PROCEDURE		
Cable to Housing 0.5			110.4P.20-569		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1000			SIZE B CODE ENT NO 26805 2002-8204-92 REV 010		
IR, Megohms MIN 5000			SCALE 4:1 SHEET 1 OF 1		

Tyco Cust. P/N 1050933
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