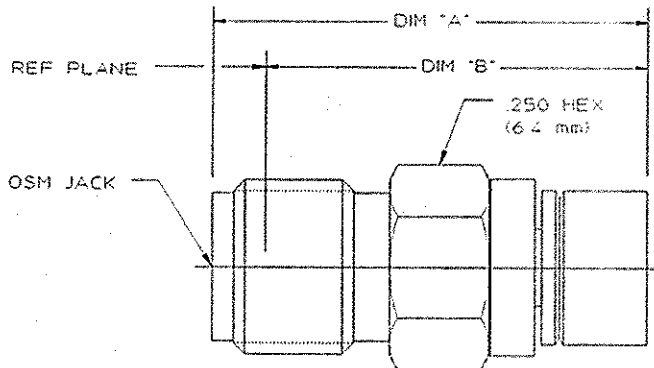


DESIGNED FOR USE WITH	
085 S.R. (RG 405/U)	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	088
CONTACT	021

REVISION		DATE	APPROVED
REV	DESCRIPTION		
050	REVISED PER ECN 93-0153	DCAH 6/1/93	<i>[Signature]</i> 7/6/93



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	.616 ± .015 (15.6 mm)	.530 REF (13.5 mm)
	DIM 'A'	DIM 'B'

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348 Fig 310.2	Temperature Rating -65° to +165°C
Frequency Range (GHz) DC to 18	Recommended Mating Torque 7-10 in-lbs	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 335	Center Contact Captivation Axial (Lbs) 6	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.07-0.01(GHz)	Radial (in/Oz) NONE	Thermal Shock MIL-STD-202, Method 102, Condition C
Insertion Loss (dB MAX) .03x √(GHz)	Cable Retention Axial Force (Lbs) 30	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -90 @ 2-2 GHz	Torque (in/Oz) 10	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) 350	Weight (Grams) 2.1	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Mating Characteristics Insertion (Max Lbs) 3	
Contact Resistance (Milliohms MAX)	Withdrawal (Min Oz) 1	
Center Contact 3.0	Connector Engagement and Disengagement (in/Lbs Max) 2	
Outer Contact 2.0		
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670		
(IR)Megohms MIN 5000		

COMPONENT	MATERIAL	FINISH
HOUSING BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A562, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER MIL-P-19468 AND FED SPEC L-P-403	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B196, ALLOY 173	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON</small> <small>FRAC DEC ANGLES</small> <small>+ .004 + .005 + .1°</small>		<small>DATE</small> <small>10-27-82</small> <small>DESIGNED BY</small> <small>R. GIERAS</small> <small>5-13-83</small> <small>APP'D BY</small> <small>RME</small> <small>5-17-83</small>
<small>These drawings and specifications are the property of Omni Spectra Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of similar without written permission.</small>		<small>M/A-COM Omni Spectra, Inc.</small> <small>Waltham, Massachusetts</small> <b>OMNI SPECTRA</b>
<small>USE ASSY PROCEDURE</small> <small>NO AP</small> 20-568		<b>TITLE</b> OSM STRAIGHT CABLE JACK COMPRESSION CRIMP ATTACHMENT M39012/81B3003
<small>SIZE</small> <b>B</b>	<small>CODE CONT NO</small> 26805	<small>REV</small> 050
<small>SCALE</small> 6:1		<small>SHEET</small> 1 OF 1

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