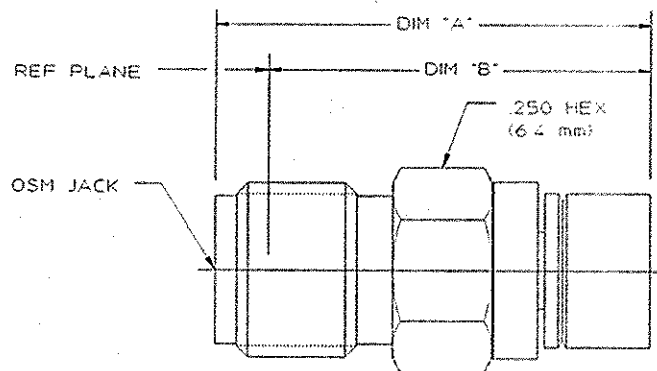




DESIGNED FOR USE WITH	
085 S.R. (RG 405/U)	
CABLE ENTRY DIAMETER	
MINIMUM	
HOUSING	088
CONTACT	021

REVISIONS		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	HOUSING BUSHING	DIELECTRIC	CENTER CONTACT	COMPONENT	MATERIAL	FINISH
Nominal Impedance (Ohms) 50 Frequency Range (GHz) DC to 18 Volt Rating (VRMS MAX) @ Sea Level 335 VSWR 1.07-0.91(GHz) Insertion Loss (dB MAX) $.03 \times \sqrt{f(\text{GHz})}$ RF Leakage (dB MIN) +90 @ 2-2 GHz Corona, 70,000 Ft (VRMS MIN) 350 Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000 Contact Resistance (milliohms MAX) Center Contact 3.0 Outer Contact 2.0 Cable to Housing 0.5 RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670 (IR)Megohms MIN 5000	Interface Dimensions MIL-STD-348 Fig 310.2 Recommended Mating Torque 7-10 in-lbs Center Contact Captivation Axial (Lbs) 6 Radial (in/Oz) NONE Cable Retention Axial Force (Lbs) 30 Torque (in/Oz) 10 Weight (Grams) 2.1 Mating Characteristics Insertion (Max Lbs) 3 Withdrawal (Min Oz) 1 Connector Engagement and Disengagement (in/Lbs Max) 2	Temperature Rating -65° to +165°C Vibration MIL-STD-202, Method 204, Condition D Shock MIL-STD-202, Method 213, Condition I Thermal Shock MIL-STD-202, Method 102, Condition C Except high temp +115°C Moisture Resistance MIL-STD-202, Method 106 Corrosion - MIL-STD-202, Method 101, Condition B	STAINLESS STEEL PER ASTM-A484 AND ASTM-A562, TYPE 303 TFE FLUOROCARBON PER MIL-P-19468 AND FED SPEC L-P-403 BERYLLIUM COPPER PER ASTM B196, ALLOY 173	PASSIVATE PER ASTM-A380 N/A GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC DEC ANGLES ± .1/64 ± .005 ± .1° 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 IDENTICAL OR SIMILAR PARTS WITHOUT WRITTEN PERMISSION	DRAWN BY: DCAH CHECKED BY: R. GIERAS APPROVED BY: RME DATE: 10-27-82 5-13-83 5-17-83	 OMNI SPECTRA TITLE OSM STRAIGHT CABLE JACK COMPRESSION CRIMP ATTACHMENT M39012/81B3003
						USE ASSY PROCEDURE		
						20-568		
							SCALE 6:1	SHEET 1 OF 1

Tyco Customer P/N 1050932
 Sheet 1 of 1 Rev 0