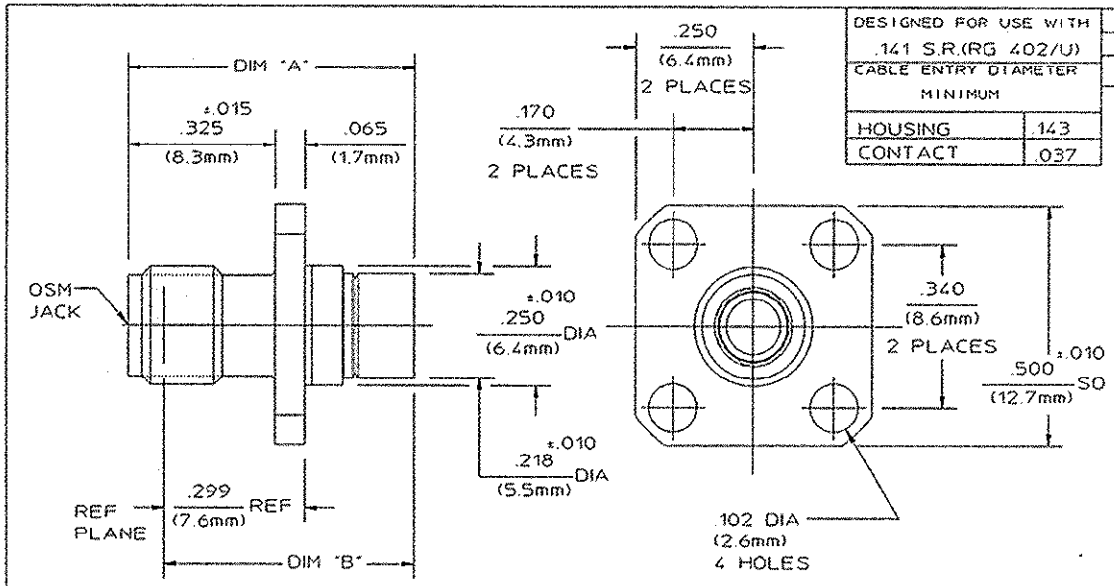

DESIGNED FOR USE WITH	
.141 S.R.(RG 402/U)	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.143
CONTACT	.037

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
03_1	REVISED PER ECN 93-0153	D.CAM 6/1/93	7/7/93

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	.620 MAX (15.7 mm)	.530 REF (13.5 mm)
	DIM "A"	DIM "B"

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions	Temperature Rating -65° to +165°C
Frequency Range (GHz) DC to 18	MIL-STD-348 Fig 310.2	Vibration MIL-STD-202, Method
Volt Rating (VRMS MAX)	Recommended Mating	204, Condition D
@ Sea Level 500	Torque 7-10 in-lbs	Shock MIL-STD-202, Method 213,
VSWR 1.05+.01(GHz)	Center Contact Captivation	Condition I
Insertion Loss (dB MAX) .03x $\sqrt{F(GHz)}$	Axial (Lbs) 6	Thermal Shock MIL-STD-202,
RF Leakage (dB MIN) -90 @ 2-3 GHz	Radial (in/Oz) NONE	Method 102, Condition C
Corona, 70,000 Ft (VRMS MIN) 375	Cable Retention	Except high temp +115°C
Dielectric Withstanding Voltage	Axial Force (Lbs) 60	Moisture Resistance MIL-STD-202,
(VRMS MIN) @ Sea Level 1500	Torque (in/Oz) 55	Method 106
Contact Resistance (Milliohms MAX)	Weight (Grams) 2.1	Corrosion - MIL-STD-202, Method
Center Contact 3.0	Mating Characteristics	101, Condition B
Outer Contact 2.0	Insertion (Max Lbs) 3	
Cable to Housing 0.5	Withdrawal (Min Oz) 1	
RF High Potential @ Sea Level	Connector Engagement and	
(VRMS MIN @ 5 MHz) 1000	Disengagement (in/Lbs Max) 2	
I.R.(Megohms MIN) 5000		

COMPONENT	MATERIAL	FINISH
HOUSING BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457,	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B196, ALLOY C17300, CONDITION H	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°

DRAWN BY	R.G.	DATE 9-21-84
CHECKED BY	R.G.	9-21-84
APP'D BY	R.G.	9-21-84

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USE ASS'Y PROCEDURE

NO. A.P. 20-578

M/A-COM OMNI SPECTRA
M/A-COM Omni Spectra, Inc.
Waltham, Massachusetts

TITLE SMA FLANGE MOUNT CABLE JACK COMPRESSION CRIMP ATTACHMENT M39012/82-3208 CAT "F"

SIZE	CODE IDENT NO		REV
B	26805	2006-8208-92	03_1
SCALE 4:1			SHEET 1 OF 1

CUSTOMER TYCO PART # 1051098
SHEET 1 of 1 REV 0