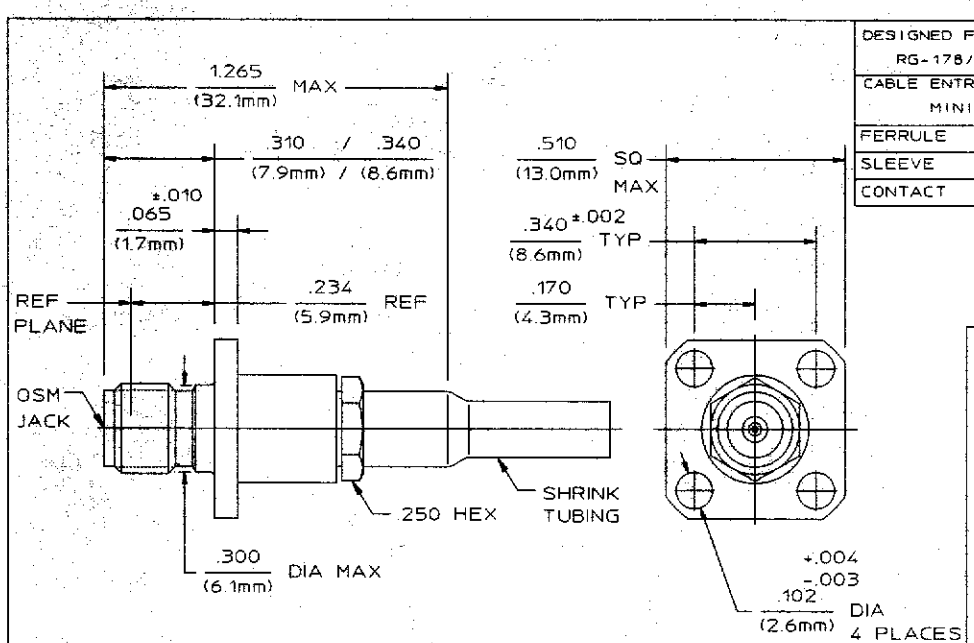

DESIGNED FOR USE WITH RG-178/U CABLE	
CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.098
SLEEVE	.036
CONTACT	.014

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01_0	RELEASED	08/04/92	DComella

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz) DC to	12.4
Volt Rating (VRMS MAX)	
@ Sea Level	170
VSWR	1.20 + .025 f(GHz)
Insertion Loss (dB MAX)	.06 $\sqrt{f(GHz)}$
RF Leakage (dB MIN)	-60 @ 2-3 GHz
Corona, 70,000 Ft (VRMS MIN)	125
Dielectric Withstanding Voltage	
(VRMS MIN) @ Sea Level	500
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)	335
I.R.(Megohms MIN)	5,000

MECHANICAL	
Interface Dimensions MIL-STD-348A,	
Fig. 310.2	
Recommended Mating	
Torque	N/A
Mating Characteristics:	
Insertion (MAX Lbs)	2.0
Withdrawal (MIN Oz)	1.0
Force to Engage and	
Disengage (In-Lbs MAX)	2.0
Center Contact Captivation	
Axial (Lbs)	6.0
Radial (In-Oz)	N/A
Cable Retention	
Axial Force (Lbs)	10.0 MIN
Torque (In-Oz)	N/A
Weight (Grams)	TBD

ENVIRONMENTAL
Temperature Rating -65°C 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 107, Condition B,
Except High Temp shall be +85°C.
Moisture Resistance MIL-STD-202,
Method 106
Corrosion - MIL-STD-202, Method
101, Condition B, 5% salt spray

COMPONENT	MATERIAL	FINISH
~~HOUSING~~	~~STAINLESS STEEL PER~~	~~PASSIVATE PER~~
CLAMP NUT	ASTM-A484 AND ASTM-A582, TYPE 303	ASTM-A380
SLEEVE	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
"O" - RING	SILICONE RUBBER PER ZZ-R-765	N/A
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCE ON
FRAC. ± 1/64 DEC. ±.005 ANGLES ± 1°

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DRAWN BY JDavis DATE 07/28/92
CHECKED BY BB 07/31/92
APPD BY DComella 08/04/92

USE ASS'Y PROCEDURE

NO. A.P. 20-589

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

TITLE OSM 4 HOLE FLANGE MOUNT CABLE JACK CRIMP ATTACHMENT
M39012/58B3018

SIZE	CODE IDENT NO.		REV
B	26805	2036-8018-92	01_0

SCALE 3 1 SHEET 1 OF 1

Customer 1052044 Rev 0
Sheet 1 of 1