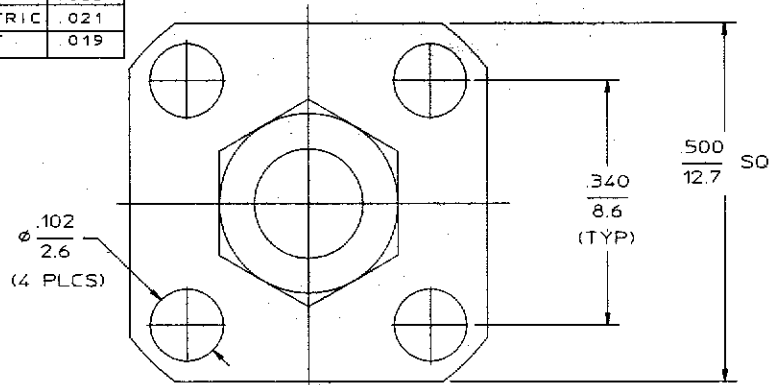


DESIGNED FOR USE WITH	
RG-316/U	
CABLE ENTRY DIAMETER	
MINIMUM	
FERRULE	.125
SLEEVE	.066
DIELECTRIC	.021
CONTACT	.019

REV		DESCRIPTION	DATE	APPROVED
01		REVISED	CMH 11/22/99	DCo-11/22/99



ELECTRICAL
Nominal Impedance (Ohms) 50
Frequency Range (GHz) DC to 12.4
Volt Rating (VRMS MAX)
Sea Level 250
VSWR 1.15 - .02(FGHz)
Insertion Loss (dB MAX) 0.6 (FGHz) @ 6 GHz
RF Leakage (dB MIN) -60 @ 2-3 GHz
Corona, 70,000 Ft (VRMS MIN) 190
Dielectric Withstanding Voltage
(VRMS MIN) Sea Level 750
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) 500
I.R. (Megohms MIN) 5,000

MECHANICAL
Interface Dimensions MIL-STD-348A,
Fig. 310-2
Recommended Mating
Torque 7-10 IN-LBS
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
Radiat (In-Oz) N/A
Cable Retention
Axial Force (Lbs) 20.0
Torque (In-Oz) N/A
Weight (Grams) TBD

ENVIRONMENTAL
Temperature Rating -85° 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 +85°C
Moisture Resistance MIL-STD-202,
Method 106
Corrosion - MIL-STD-202, Method
101, Condition B, 5% salt spray

.XXX = in
XX.X = mm (REF)

COMPONENT	MATERIAL	FINISH
HOUSING INNER SLEEVE CLAMP NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.	DRAWN BY <i>[Signature]</i> DATE 4/1/98	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. DEC. ANGLES ± 1/64 ± .005 ± 1°	CHECKED BY <i>[Signature]</i> APPD BY <i>[Signature]</i> DATE 4/1/98	

TITLE "OSM" FLANGE MOUNT CABLE JACK-CRIMP ATTACHMENT CAT B M39012/58B3012		
SIZE B	CODE IDENT NO. 26805	REV 01
SCALE 6:1	2036-8012-92	SHEET 1 OF 1

USE ASSY PROCEDURE
NO. AP 20-532

Customer 1254028 Rev 0
Sheet 1 of 1