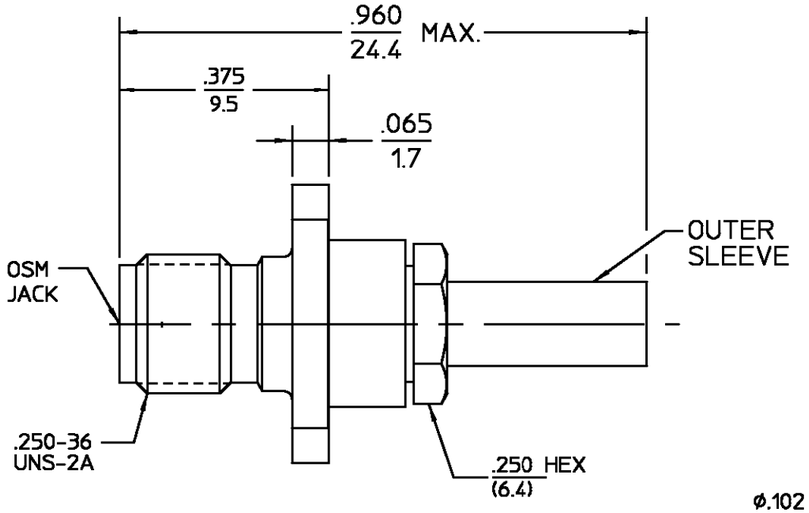
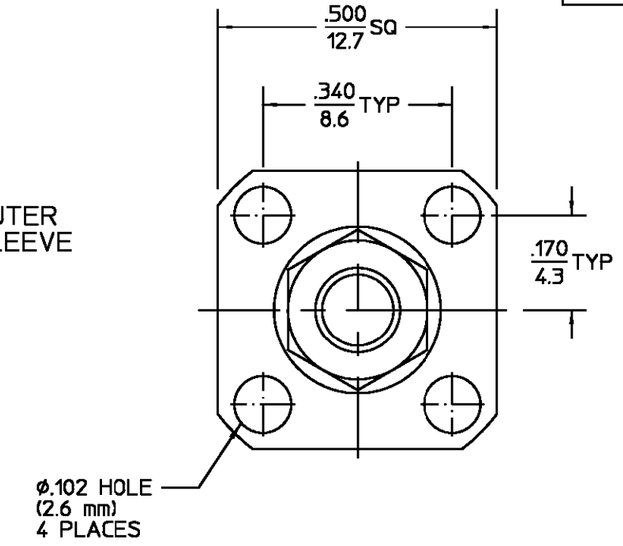
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01_0	RELEASED	PATLAN 2/12/98	





DESIGNED FOR USE WITH RG 174, 316/U CABLE	
CABLE ENTRY DIAMETER MINIMUM	
SLEEVE	.067
CONTACT	.021

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz)	DC to 3.0
Volt Rating (VRMS MAX)	
@ Sea Level	250
VSWR	-- 1.15 + .01 X (f GHz)
Insertion Loss	$.06\sqrt{f}$ (GHz)
RF Leakage (dB MIN)	-60dB Min @ 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)	10,000

MECHANICAL	
Interface Dimensions MIL-STD-348A,	
Fig.	310.2
Recommended Mating	
Torque	N/A
Mating Characteristics:	
Insertion (MAX Lbs)	3
Withdrawal (MIN Oz)	1
Force to Engage and	
Disengage (In-Lbs MAX)	2
Center Contact Captivation	
Axial (Lbs)	6.0 MIN
Radial (In-Oz)	N/A
Cable Retention	
Axial Force (Lbs)	20 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 +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

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING 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
REAR DIELECTRIC	NYLON	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

FRAC. ± 1/64 DEC. ±.005 ANGLES ± 1°

DRAWN BY PATLAN DATE 2/12/98
CHECKED BY
APP'D BY 4/3/98

USE ASS'Y PROCEDURE

NO. A.P. 20-530
408-04927

AMP
AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE OSM FLANGE MOUNT CABLE JACK-SOLDER ATTACHMENT M39012/58-3007 CATA

SIZE	CODE IDENT NO.		REV
B	26805	2036-8007-92	01_0
SCALE 4 : 1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1052038-1
SHEET 1 OF 1 REV A