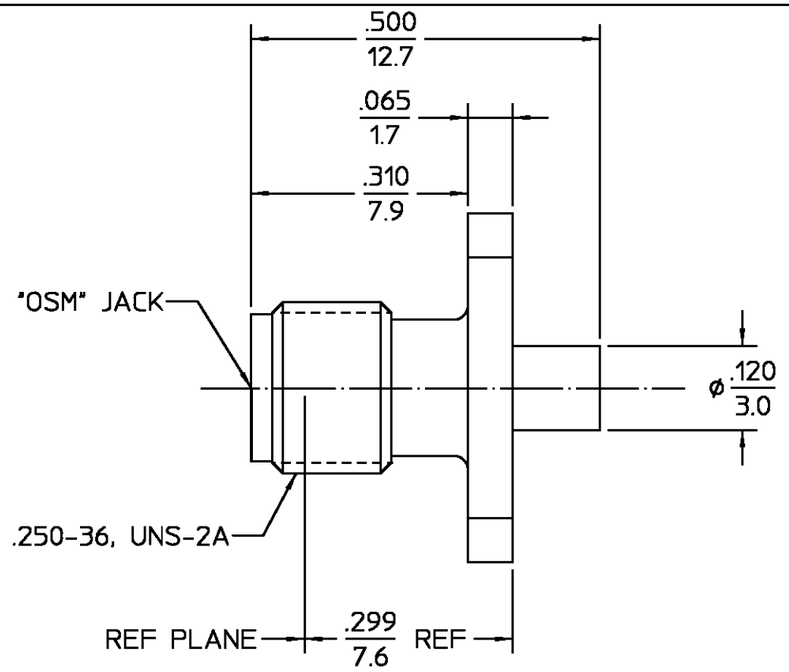
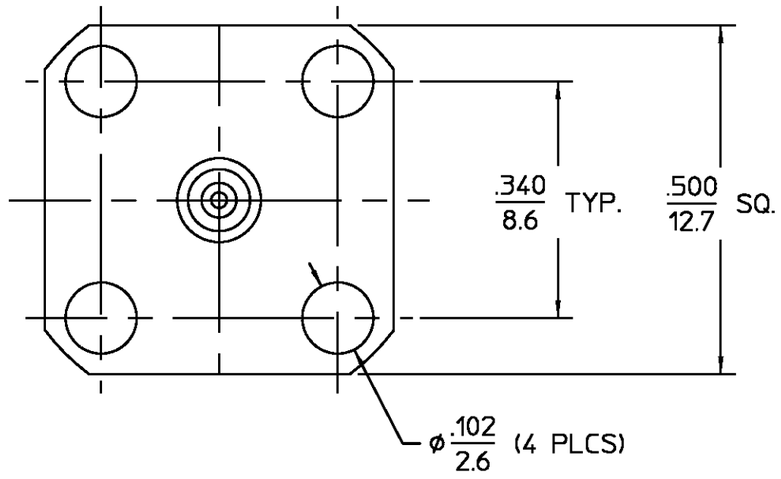


DESIGNED FOR USE WITH .085 S.R.	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.089
CONTACT	.021

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02_0	REVISED	DM 3/30/99	4/1/99



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A,	Temperature Rating -65°C TO +165°C
Frequency Range (GHz) DC to 18	Fig. 310-2	Vibration MIL-STD-202, Method
Volt Rating (VRMS MAX)	Mating Characteristics:	204, Condition D
@ Sea Level 335	Insertion (MAX Lbs) 2.0	Shock MIL-STD-202, Method 213,
VSWR 1.07 +0.008 f(GHz)	Withdrawal (MIN Oz) 1.0	Condition I
Insertion Loss (dB MAX) .03 x $\sqrt{f(GHz)}$	Force to Engage and	Thermal Shock MIL-STD-202,
RF Leakage (dB MIN) -90 @ 2 to 3 GHz	Disengage (In-Lbs MAX) 2.0	Method 107, Condition B,
Corona, 70,000 Ft (VRMS MIN) 250	Center Contact Captivation	Except High Temp +115°C
Dielectric Withstanding Voltage	Axial (Lbs) N/A	Moisture Resistance MIL-STD-202,
(VRMS MIN) @ Sea Level 1.000	Radial (In-Oz) N/A	Method 106. No Measurements at
Contact Resistance (Milliohms MAX)	Cable Retention	At High Humidity. I.R. Shall Be
Center Contact 3.0	Axial Force (Lbs) 30	At Least 200 Megaohms Within 5
Outer Contact 2.0	Torque (In-Oz) 16	Minutes After Removal From
Cable to Housing 0.5	Weight (Grams) TBD	Humidity.
RF High Potential @ Sea Level		Corrosion - MIL-STD-202, Method
(VRMS MIN @ 5 MHz) 670	.XXX = in	101, Condition B, 5% salt spray
I.R.(Megohms MIN) 5.000	XX.X = mm (REF)	

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE 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
COMPONENT	MATERIAL	FINISH

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

FRAC. ± 1/64 DEC. ±.005 ANGLES ± 1°

DRAWN BY 8/27/96

CHECKED BY

APP'D BY 10/4/96

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USE ASS'Y PROCEDURE

408-04838 (20-553)

NO. AP.

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE "OSM" FLANGE MOUNT CABLE JACK DIRECT SOLDER ATTACHMENT M39012/82-3005 CAT E

SIZE	CODE IDENT NO.		REV
B	26805	2006-8005-90	02_0
SCALE 5:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1051091-1
SHEET 1 OF 1 REV A