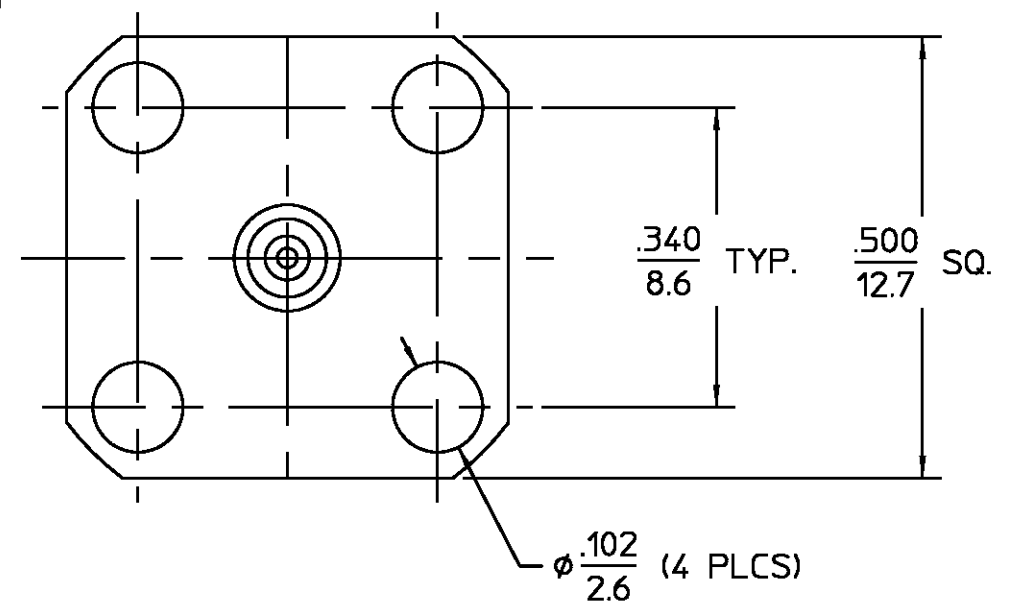


DESIGNED FOR USE WITH	.085 S. R.
CABLE ENTRY DIAMETER	MINIMUM
HOUSING	.089
CONTACT	.021

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 <sub>0</sub>	REVISED	DM 3/30/99	<i>[Signature]</i> 4/1/99



ELECTRICAL
Nominal Impedance (Ohms) <u>50</u>
Frequency Range (GHz) DC to <u>18</u>
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>
VSWR <u>1.07 +0.008 f(GHz)</u>
Insertion Loss (dB MAX) <u>.03 x √f(GHz)</u>
RF Leakage (dB MIN) <u>-90 @ 2 to 3 GHz</u>
Corona, 70,000 Ft (VRMS MIN) <u>250</u>
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u>
Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u> Outer Contact <u>2.0</u> Cable to Housing <u>0.5</u>
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>
LR.(Megohms MIN) <u>5,000</u>

MECHANICAL
Interface Dimensions MIL-STD-348A, Fig. 310-2
Mating Characteristics: Insertion (MAX Lbs) <u>2.0</u> Withdrawal (MIN Oz) <u>1.0</u>
Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>
Center Contact Captivation Axial (Lbs) <u>N/A</u> Radial (In-Oz) <u>N/A</u>
Cable Retention Axial Force (Lbs) <u>30</u> Torque (In-Oz) <u>16</u>
Weight (Grams) <u>TBD</u>
<u>.XXX = in</u> <u>XX.X = mm (REF)</u>

ENVIRONMENTAL
Temperature Rating <u>-65°C TO +165°C</u>
Vibration MIL-STD-202, Method <u>204, Condition D</u>
Shock MIL-STD-202, Method <u>213,</u> <u>Condition I</u>
Thermal Shock MIL-STD-202, Method <u>107, Condition B,</u> Except High Temp <u>+115°C</u>
Moisture Resistance MIL-STD-202, Method <u>106, No Measurements at</u> At High Humidity. I.R. Shall Be At Least <u>200 Megaohms Within 5</u> Minutes After Removal From Humidity.
Corrosion - MIL-STD-202, Method <u>101, Condition B, 5% salt spray</u>

COMPONENT	MATERIAL	FINISH
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

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES

FRAC. ± 1/64	DEC. ± .005	ANGLES ± 1°
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DRAWN BY *[Signature]* DATE 8/27/96

CHECKED BY

APPD BY *[Signature]* 10/4/96

USE ASS'Y PROCEDURE

NO. AP. 408-04838  
(20-553)

AMP Incorporated  
140 Fourth Avenue  
Waltham, MA 02451-7599

**AMP**

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

SIZE B	CODE IDENT NO. 26805	2006-8005-90	REV 02 <sub>0</sub>
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SCALE 5:1 SHEET 1 OF 1