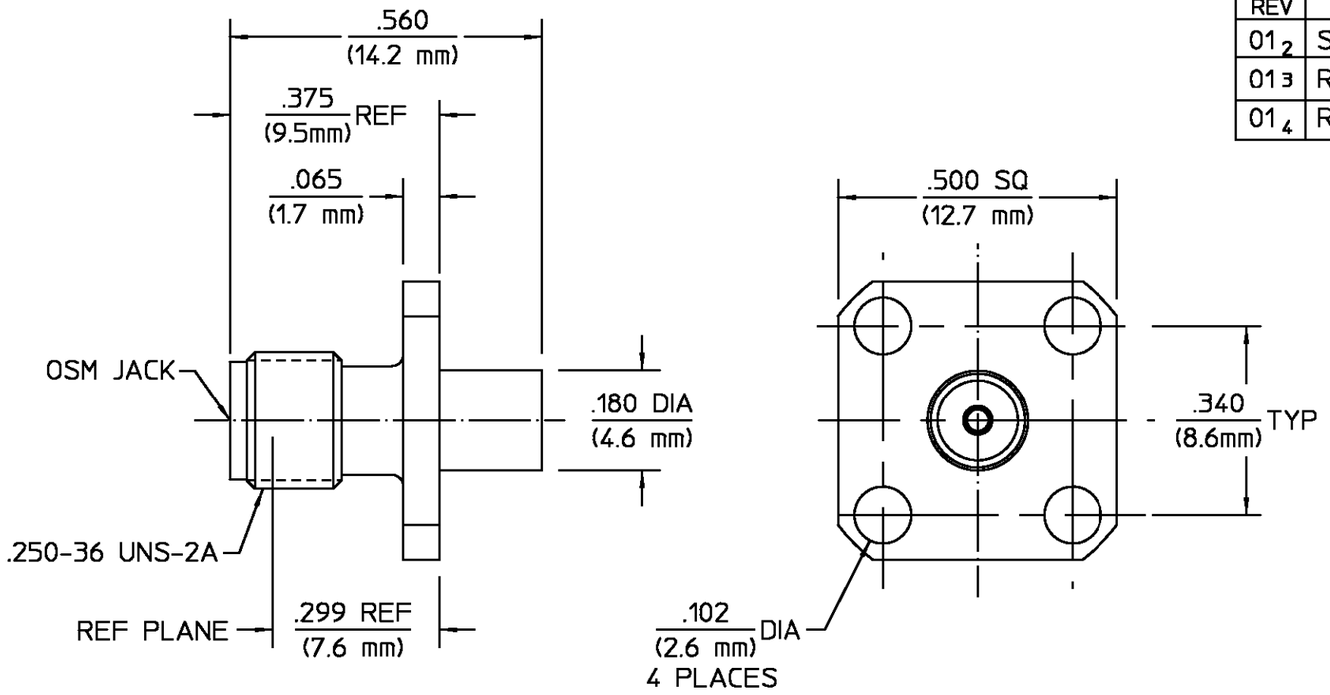

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01_2	SEE ECN 80-0084	VM 2/22/80	BZ 2/28/80
01_3	REDRAWN ON CAD, ECN 92-0010	07/09/92	07/14/92
01_4	REVISED PER ECN 99-0094	DM 7/16/99	S. Morby

DESIGNED FOR USE WITH .141 DIA S.R. CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.144
CONTACT	.037

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz) DC to	18
Volt Rating (VRMS MAX)	
@ Sea Level	500
VSWR	1.05 + .005 f(GHz)
Insertion Loss (dB MAX)	$.03\sqrt{f(GHz)}$
RF Leakage (dB MIN)	-[90-(fGHz)]
Corona, 70,000 Ft (VRMS MIN)	375
Dielectric Withstanding Voltage	
(VRMS MIN) @ Sea Level	1,500
Contact Resistance (Milliohms MAX)	
Center Contact	2.0
Outer Contact	2.0
Cable to Housing	0.5
RF High Potential @ Sea Level	
(VRMS MIN @ 5 MHz)	1,000
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)	3
Withdrawal (MIN Oz)	1
Force to Engage and	
Disengage (In-Lbs MAX)	2
Center Contact Captivation	
Axial (Lbs)	N/A
Radial (In-Oz)	N/A
Cable Retention	
Axial Force (Lbs)	60 Min
Torque (In-Oz)	55 Min
Weight (Grams)	TBD

ENVIRONMENTAL
Temperature Rating -65°C to +125°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 115°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 ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
DIELECTRIC	PTFE 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

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

DRAWN BY	BWC	DATE 6/5/67
CHECKED BY	ED	8/19/67
APP'D BY	D.NANIA	8/31/67

USE ASS'Y PROCEDURE
408-04767
(20-009)
NO. A.P.

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE OSM 4-HOLE FLANGE MOUNT CABLE JACK DIRECT SOLDER ATTACHMENT

SIZE	CODE IDENT NO.		REV
B	26805	2006-7941-00	01_4
SCALE 4:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1051081-1
SHEET 1 OF 1 REV A