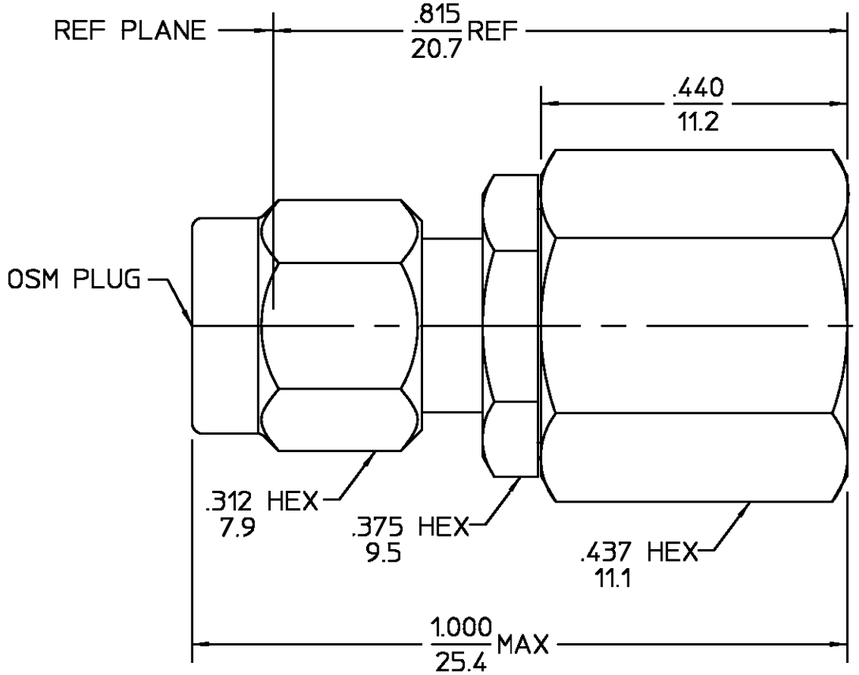

DESIGNED FOR USE WITH .250 DIA S.R. MP CABLE	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.076
HOUSING	.253
CLAMP NUT	.255

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01_1	REVISED	DAC 6/15/99	6/16/99

HOUSING COUPLING NUT CLAMP NUT BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A-380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BRASS PER ASTM-B-16 HALF HARD	GOLD PLATE PER MIL-G-45204
BUSHING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET "O" RING	SILICONE RUBBER PER ZZ-R-765	N/A
COMPONENT	MATERIAL	FINISH

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz)	DC to 18.0
Volt Rating (VRMS MAX)	
@ Sea Level	500
VSWR	1.07 + .007f(GHz)
Insertion Loss (dB MAX)	.03 $\sqrt{f(GHz)}$
RF Leakage (dB MIN)	-[90-f(GHz)]
Corona, 70,000 Ft (VRMS MIN)	375
Dielectric Withstanding Voltage	
(VRMS MIN) @ Sea Level	1500
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)	1000
I.R.(Megohms MIN)	5,000

MECHANICAL	
Interface Dimensions MIL-STD-348A	
Fig.	310.1
Recommended Mating	
Torque	7 to 10 in-LBs
Mating Characteristics:	
Insertion (MAX Lbs)	N/A
Withdrawal (MIN Oz)	N/A
Force to Engage and	
Disengage (In-Lbs MAX)	2.0
Center Contact Captivation	
Axial (Lbs)	6.0 MIN
Radial (In-Oz)	N/A
Cable Retention	
Axial Force (Lbs)	90 MIN
Torque (In-Oz)	N/A
Weight (Grams)	T.B.D.

ENVIRONMENTAL
Temperature Rating -65°C to 105°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

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

DRAWN BY BB DATE 9/23/91
CHECKED BY M.M. 5/8/92
APP'D BY

USE ASS'Y PROCEDURE

408-04825
NO. A.P. (20-025)

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

TITLE
OSM STRAIGHT CABLE PLUG
COMPRESSION CLAMP ATTACHMENT

SIZE	CODE IDENT NO.		REV
B	26805	2001-7752-02	01_1
SCALE 5:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1050750-1
SHEET 1 OF 1 REV A