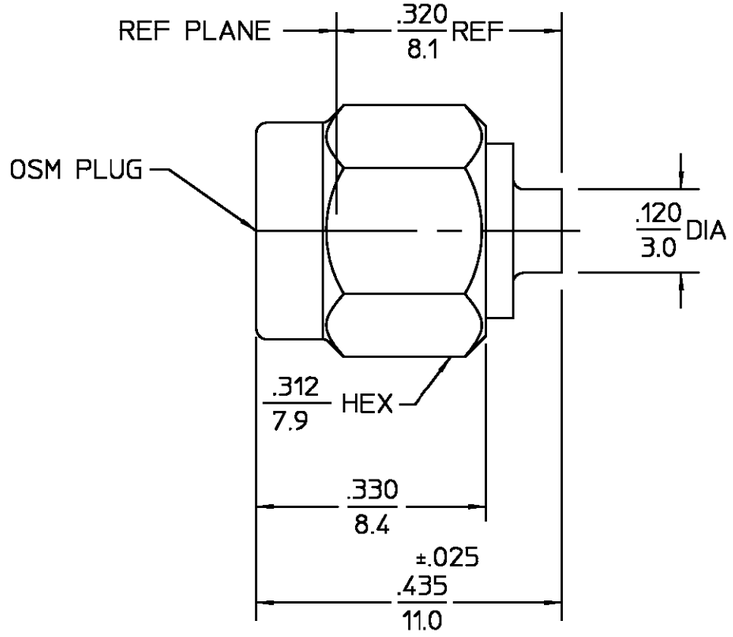

DESIGNED FOR USE WITH .085 DIA S.R. CABLE	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.021
HOUSING	.087

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01_1	REVISED	T.W. 10/22/96	DC 10/23/96

ELECTRICAL	
Nominal Impedance (Ohms)	50 ±3
Frequency Range (GHz) DC to	18.0
Volt Rating (VRMS MAX)	
@ Sea Level	335
VSWR	1.10 Max at 6(GHz)
Insertion Loss (dB MAX)	.10 at 6(GHz)
RF Leakage (dB MIN)	-90 at 6-8(GHz)
Corona, 70,000 Ft (VRMS MIN)	250
Dielectric Withstanding Voltage	
(VRMS MIN) @ Sea Level	1000
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)	670
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)	N/A
Radial (In-Oz)	N/A
Cable Retention	
Axial Force (Lbs)	30
Torque (In-Oz)	16
Weight (Grams)	T.B.D.

ENVIRONMENTAL
Temperature Rating -55°C to +175°C
Vibration MIL-STD-202, Method 204, Condition B
Shock MIL-STD-202, Method 213, Condition C
Thermal Shock MIL-STD-202, Method 107, Condition B,
Moisture Resistance MIL-STD-202, Method 106
Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray

.XXX = in
XX.X = mm (REF)

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
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
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

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

DRAWN BY	M. CATIZONE	DATE 3/31/88
CHECKED BY	K. C. MAHER	4/1/88
APP'D BY	F. P. Y.	4/6/88

USE ASS'Y PROCEDURE

408-04762
NO. A.P. (20-004)

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

TITLE OSM STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT

SIZE	CODE IDENT NO.		REV
B	26805	2001-5506-94	01_1
SCALE 5:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1080761-1
SHEET 1 OF 1 REV A