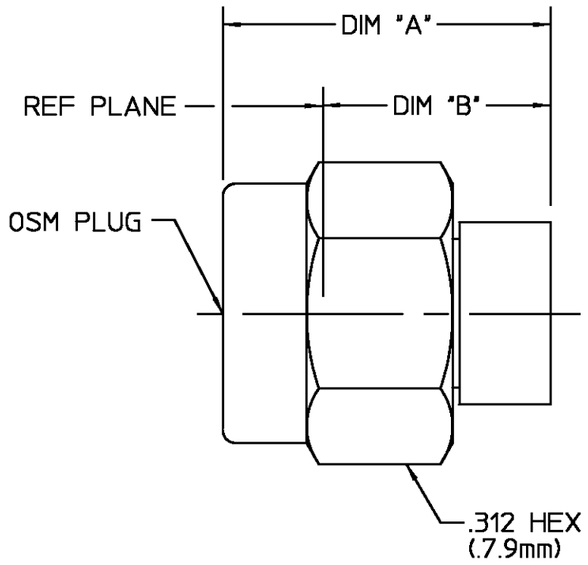

CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.143

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01_0	RELEASED	10/22/82	R.SABA
02_0	SEE ECN 82-0586-1	T.Mc 10/28/82	R.GIERAS 10/28/82
03_0	SEE ECN 82-0601	D.CAM 11/10/82	R.GIERAS 11/11/82
04_0	ADDED NOTES, DIMs A & B, ECN 87-1351	JB 10/15/87	D.CAMELIO
04_1	REDRAWN IN CAD, ECN 88-0678	KCM 5/22/90	NGB
04_2	VSWR: 1.035 WAS 1.05, ECN 90-0658	KCM 7/27/90	BB

NOTES:
1. DESIGNED FOR USE WITH .141 DIA (RG 402/U) SEMI-RIGID CABLE.
2. PICTORAL VIEW IS AFTER CRIMPING.
3. MIN. STRAIGHT CABLE LENGTH .389
4. IT IS SUGGESTED TO BEND CABLE PRIOR TO CRIMPING.

	DIM "A"	DIM "B"
BEFORE CRIMPING	.502 REF (12.8mm)	.385 REF (9.8mm)
AFTER CRIMPING	.400 MAX (10.2mm)	.272 REF (6.9mm)

ELECTRICAL		MECHANICAL		ENVIRONMENTAL
Nominal Impedance (Ohms)	50	Interface Dimensions	MIL-STD-348	Temperature Rating -65° to +105°C
Frequency Range (GHz)	DC to 18	Recommended Mating Torque	7-10	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level	500	Center Contact Captivation Axial (Lbs)	6	Shock MIL-STD-202, Method 213, Condition I
VSWR	1.035+.005f(GHz)	Cable Retention Axial Force (Lbs)	60	Thermal Shock MIL-STD-202, Method 102, Condition C
Insertion Loss (dB MAX)	$.03\times\sqrt{f(GHz)}$	Torque (In/Oz)	55	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Interface Only, Fully Mated)	-(100-f(GHz))			Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN)	375			
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level	1500			
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)	1000			
I.R.(Megohms MIN)	5000			

COMPONENT	MATERIAL	FINISH
COUPLING NUT HOUSING BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
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 D.CAM DATE 10/12/82
CHECKED BY RMF 10/22/82
APP'D BY RMF 10/27/82

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

USE ASS'Y PROCEDURE
408-04690
NO. A.P. (20-198)

TITLE: OSM STRAIGHT CABLE PLUG - COMPRESSION CRIMP ATTACHMENT

SIZE	CODE IDENT NO.		REV
B	26805	2001-7641-02	04_2

SCALE 6:1 SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1050740-1
SHEET 1 OF 1 REV A