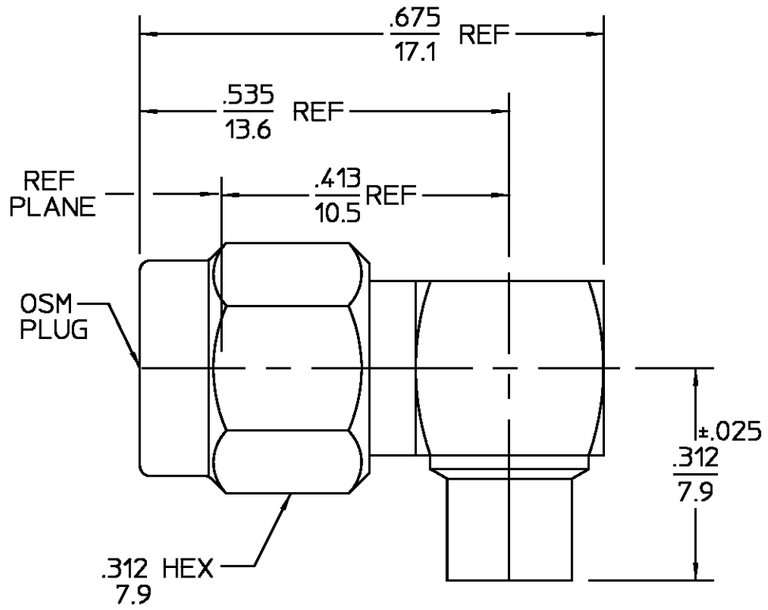

DESIGNED FOR USE WITH .141 (RG-402) S/R CABLE	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.037
HOUSING	.145

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
03_0	REVISED	01/25/95	

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz) DC to	12
Volt Rating (VRMS MAX)	
@ Sea Level	500
VSWR	1.10 + .010 f GHz
Insertion Loss (dB MAX)	$.05\sqrt{f}$GHz
RF Leakage (dB MIN)	-60 @ 2 To 3 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-348,	
Fig.	310.1
Recommended Mating	
Torque	7-10 Inch-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
Radial (In/Oz)	4.0
Cable Retention	
Axial Force (Lbs)	60
Torque (In/Oz)	55
Weight (Grams)	3.9

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, Except Vibration Shall Be Omitted
Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray

.XXX = in
XX.X = mm

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT CAP	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 OVER
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

FRAC. ± 1/64 DEC. ±.005 ANGLES ± 1°

DRAWN BY BWC 6/5/67
CHECKED BY EJD 7/7/67
APP'D BY D. NANIA 7/8/67

USE ASS'Y PROCEDURE

408-04831
NO. A.P. (20-016)

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

TITLE OSM HIGH FREQUENCY RIGHT ANGLE CABLE PLUG -DIRECT SOLDER ATTACHMENT

SIZE	CODE IDENT NO.		REV
B	26805	2007-7941-00	03_0

SCALE 5:1 SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1051150-1
SHEET 1 OF 1 REV A