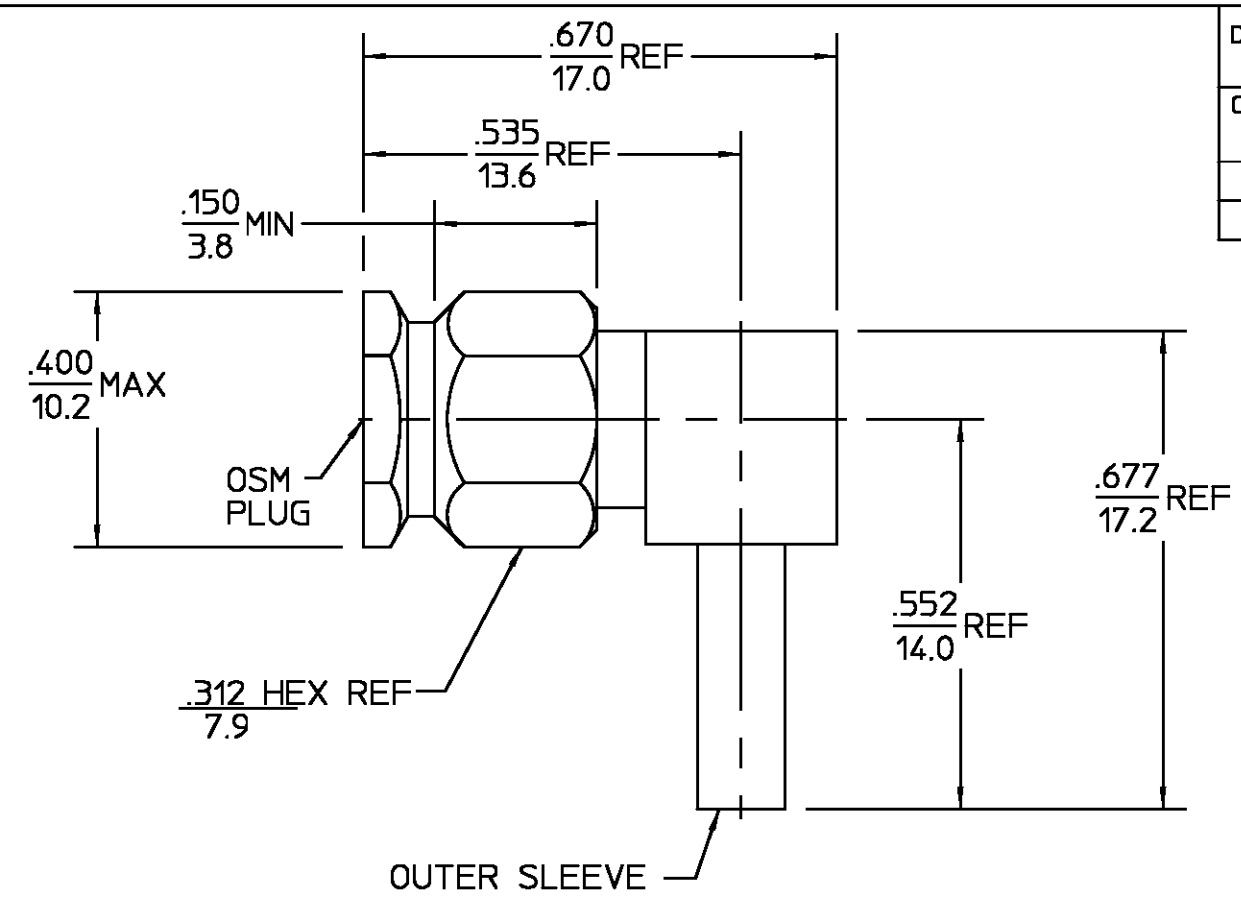


DESIGNED FOR USE WITH RG-178/U CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.036
FERRULE	.098

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>1</sub>	REVISED	DAC 6/15/99	<i>JCom</i> 6/16/99



COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
COUPLING NUT		
CAP		
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BRASS PER ASTM-B-16 HALF HARD	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
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. <u>310.1</u>	Temperature Rating <u>-65°C to +165°C</u>
Frequency Range (GHz) DC to <u>12.4</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D.
Volt Rating (VRMS MAX) @ Sea Level <u>170</u>	Torque <u>7 to 10 in-lbs</u>	Shock MIL-STD-202, Method 213, Condition I.
VSWR <u>1.20 + .03 f(GHz)</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B.
Insertion Loss (dB MAX) <u>.15 √f(GHz)</u>	Insertion (MAX Lbs) <u>N/A</u>	Except High Temp shall be +85°C.
RF Leakage (dB MIN) <u>-60 @ 2-3 (GHz)</u>	Withdrawal (MIN Oz) <u>N/A</u>	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) <u>125</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>500</u>	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) <u>6.0</u>	
Center Contact <u>4.0</u>	Radial (In-Oz) <u>4.0</u>	
Outer Contact <u>2.0</u>	Cable Retention	
Cable to Housing <u>0.5</u>	Axial Force (Lbs) <u>10.0</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>335</u>	Torque (In-Oz) <u>n/a</u>	
LR.(Megohms MIN) <u>5,000</u>	Weight (Grams) <u>TBD</u>	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON

FRAC.	DEC.	ANGLES
± 1/64	±.005	± °

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DRAWN BY: *J.Davis* DATE: 5/11/93  
 CHECKED BY: \_\_\_\_\_  
 APP'D BY: *RLC* DATE: 5/12/93

USE ASS'Y PROCEDURE

408-04846  
NO. AP. (20-584)

AMP Incorporated  
140 Fourth Avenue  
Waltham, MA 02451-7599

**AMP**

TITLE OSM RIGHT ANGLE CABLE PLUG CRIMP ATTACHMENT M39012/56-3025 CAT C

SIZE	CODE IDENT NO.	REV
B	26805	01 <sub>1</sub>

SCALE 4 : 1 SHEET 1 OF 1