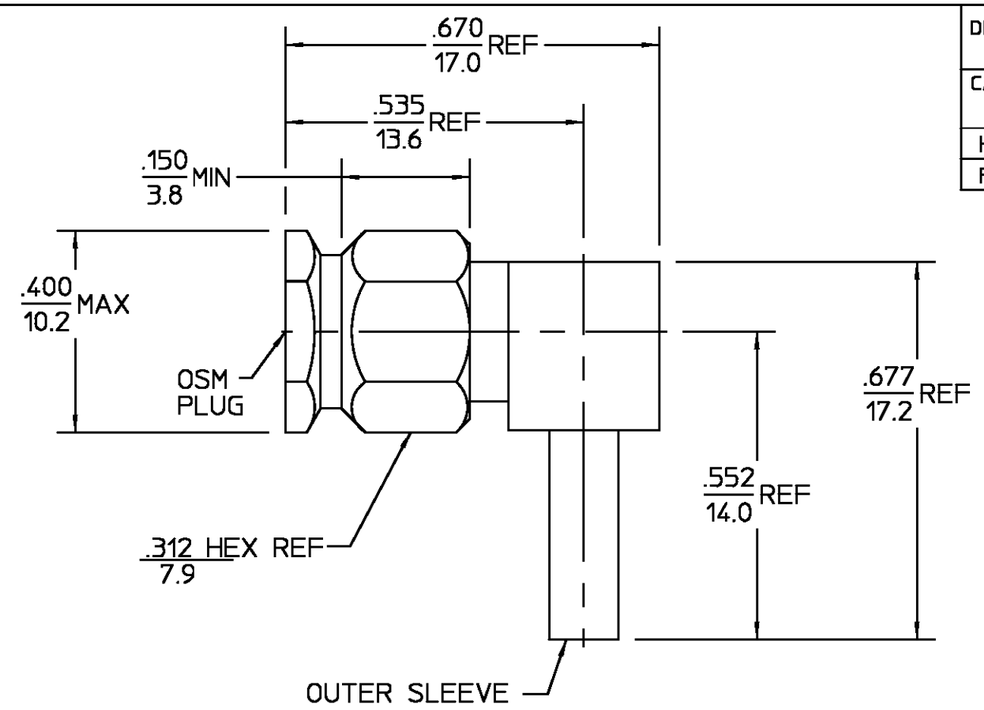

DESIGNED FOR USE WITH RG-178/U CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.036
FERRULE	.098

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

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

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
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

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

DRAWN BY J.P.Davis DATE 5/11/93
CHECKED BY
APP'D BY 5/12/93

USE ASS'Y PROCEDURE

408-04846
NO. A.P. (20-584)

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

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

SIZE	CODE IDENT NO.		REV
B	26805	2037-8025-92	01_1

SCALE 4 : 1 SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1052171-1
SHEET 1 OF 1 REV A