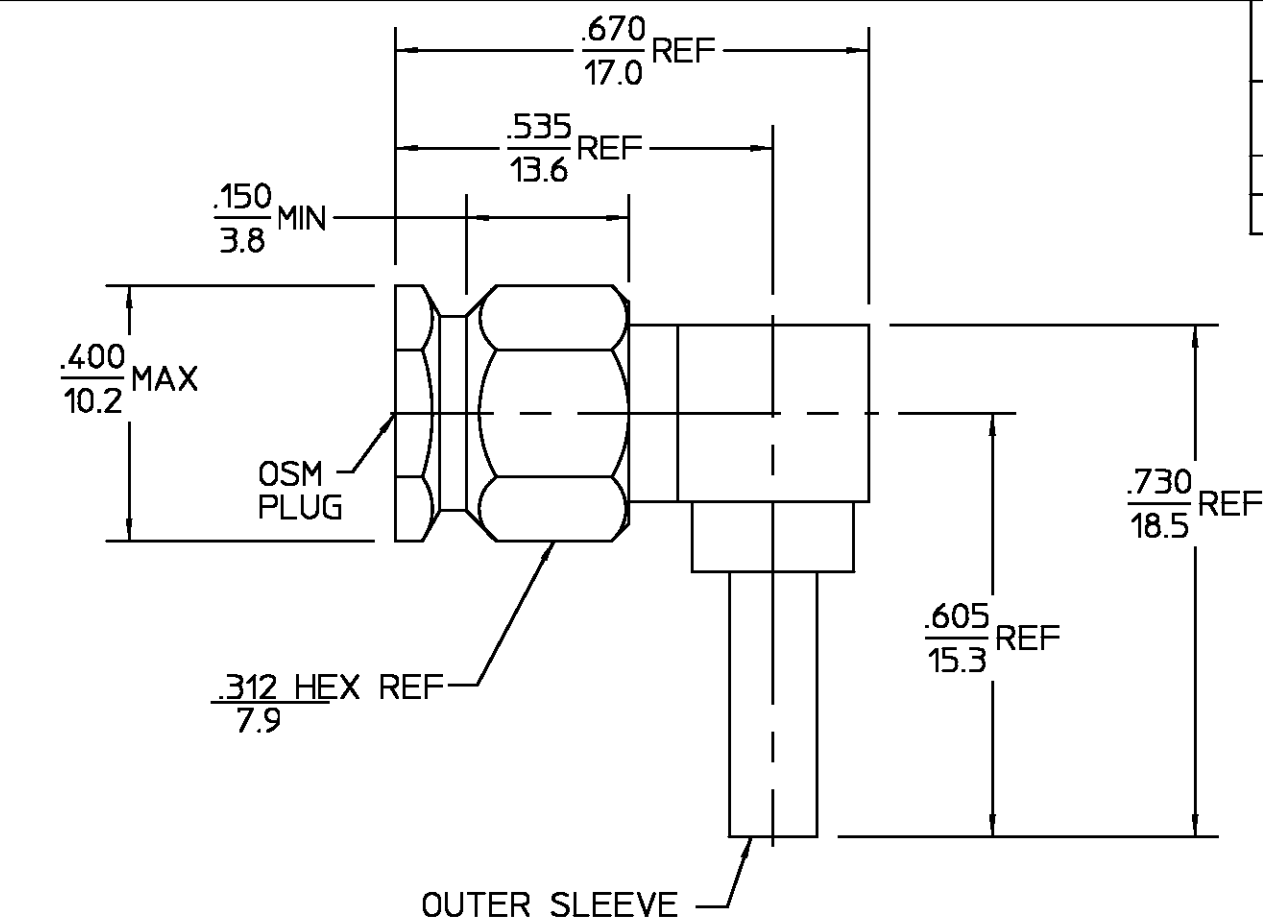




DESIGNED FOR USE WITH RG-188/U CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.065
FERRULE	.125

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
012	REVISED	DAC 6/15/99	DCM 6/16/99

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.1	Temperature Rating -65°C to +165°C
Frequency Range (GHz) DC to 12.4	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D.
Volt Rating (VRMS MAX) @ Sea Level 250	Torque 7 to 10 in-lbs	Shock MIL-STD-202, Method 213, Condition I.
VSWR 1.15 + .03 f(GHz)	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) .15 √f(GHz)	Insertion (MAX Lbs) N/A	Except High Temp shall be +85°C.
RF Leakage (dB MIN) -60 @ 2-3 (GHz)	Withdrawal (MIN Oz) N/A	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) 190	Force to Engage and Disengage (In-Lbs MAX) 2.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) 6.0	
Center Contact 4.0	Radial (In-Oz) 4.0	
Outer Contact 2.0	Cable Retention	
Cable to Housing 0.5	Axial Force (Lbs) 20.0	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500	Torque (In-Oz) n/a	
IR.(Megohms MIN) 5,000	Weight (Grams) TBD	

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 PRE 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
COMPONENT	MATERIAL	FINISH

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°	DRAWN BY DAN CASTRO 8/31/82				AMP Incorporated	
	CHECKED BY G. SONIA 9/3/82				140 Fourth Avenue	
	APPD BY TS 9/3/82				Waltham, MA 02451-7599	
	These drawings and specifications are the property of AMP Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission.	USE ASS'Y PROCEDURE		TITLE OSM RIGHT ANGLE CABLE PLUG CRIMP ATTACHMENT M39012/56-3019 CAT B		
408-04967		SIZE B		CODE IDENT NO. 26805		
NO. A.P. (20-520)		2037-8019-92		REV 01 ₂		
		SCALE 4 : 1		SHEET 1 OF 1		

CUSTOMER DRAWING

AMP PART # 1052165-1
SHEET 1 OF 1 REV A