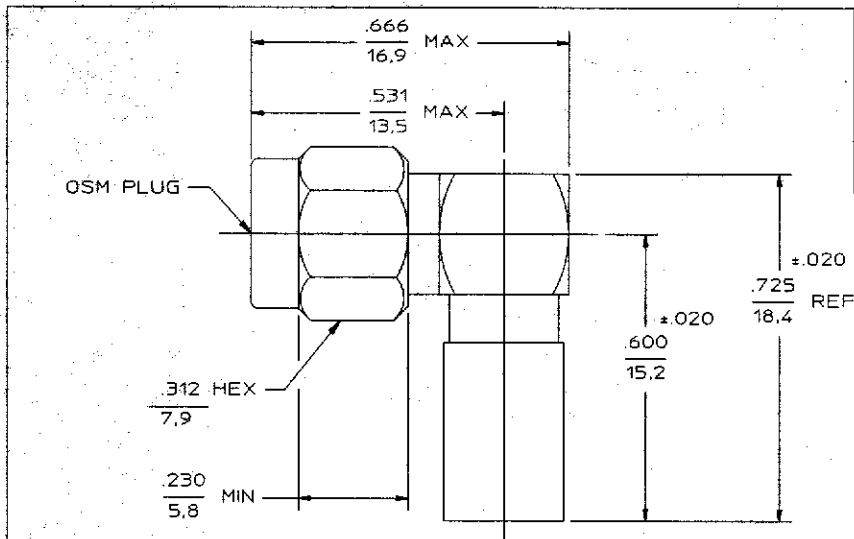




DESIGNED FOR USE WITH	
RG-142/U	
CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.0219
CONTACT	.043 SLOT
HOUSING	.183

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01	RELEASED	6/17/99	<i>Pat</i>

NOTES:
1. CAPTURED CENTER CONTACT

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions	Temperature Rating
Frequency Range (GHz)	MIL-STD-346A Fig.310.1	-65°C - +165°C
DC - 12.4	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) 335	Torque 7-10 IN-Lbs	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.15 +.02(1 GHz)	Mating Characteristics:	Thermal Cycling MIL-STD-202, Method 107, Condition B Except
Insertion Loss (dB MAX) .15 $\sqrt{\text{GHz}}$	Insertion (MAX Lbs) N/A	High Temp Shall Be 85°C (High)
RF Leakage (dB) -60	Withdrawal (MIN Oz) N/A	Temp Shall Be 200°C When Used
Corona, 70 Ft (VRMS MIN) 250	Connector Engagement and Disengagement (In-Lbs MAX) 2.0	With 200°C Cables Per MIL-C-171
Dielectric Withstanding Voltage (VRMS MIN) 1,000	Center Contact Captivation:	Moisture Resistance MIL-STD-202, Method 106
Contact Resistance (Milliohms MAX)	Axial 6.0	Corrosion MIL-STD-202, Method 101, Condition B
Center Contact 3.0	Radial N/A	
Outer Contact 2.0	Cable Retention	
Cable To Housing	Axial Lbs 40 Min	
0.5	Torque N/A	
RF High Potential	Weight (Grams) 5.0	
(VRMS MIN @ 5 MHz) 670		
I.R. (Megohms) 5,000		

COUPLING NUT HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	PTFE 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
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	DRAWN BY DM	DATE 6-30-99	AMP	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	CHECKED BY			
	APPRO BY <i>Pat</i>	6/17/99		
FRAC 1/64	DEC .005	ANGLES 1°		

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 ASSY PROCEDURE		TITLE OSM RIGHT ANGLE CABLE PLUG CRIMP ATTACHMENT M39012/56B-3115 CAT. B		
			NO. AP. 20-520	SIZE B	CODE IDENT NO. 26805	2037-8115-92	REV 01
				SCALE 5:1			
						SHEET 1 OF 1	

Customer 1052190 Rev 0
Sheet 1 of 1