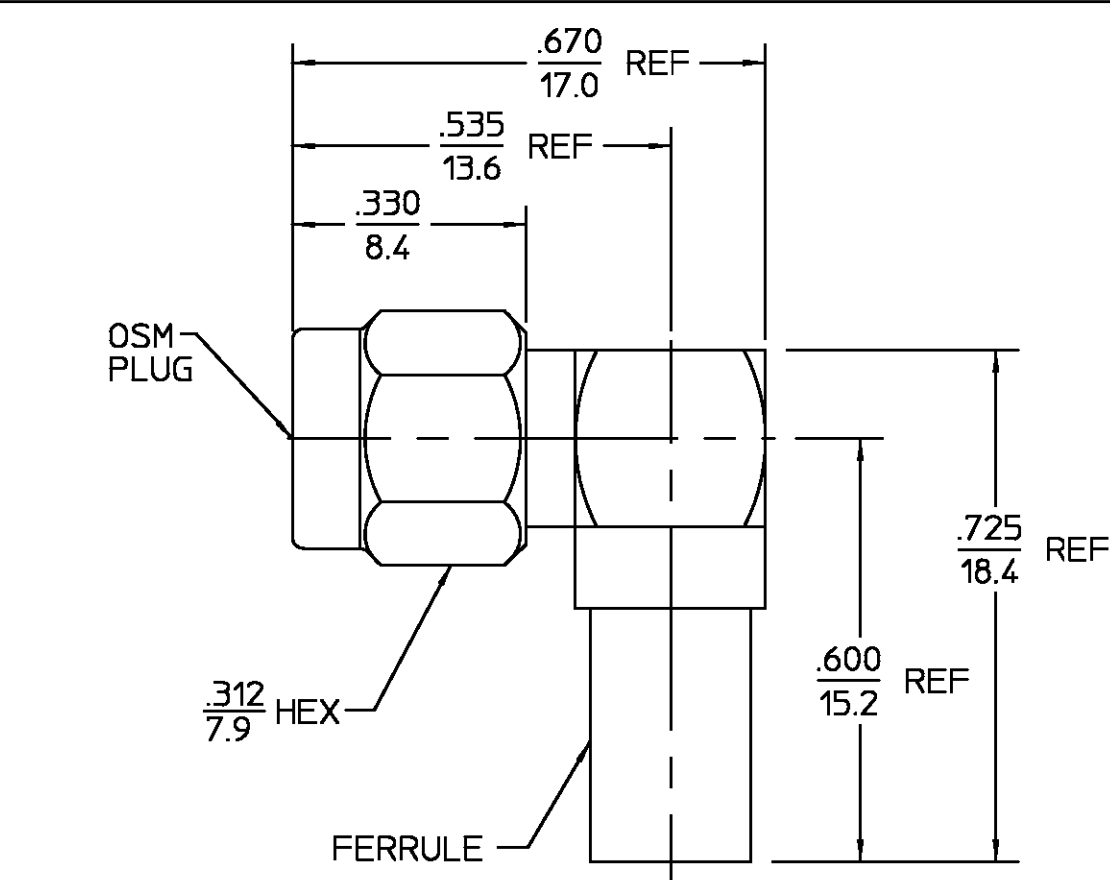




DESIGNED FOR USE WITH RG-174, 316/U	
CABLE ENTRY DIAMETER MINIMUM	
SLEEVE	.125
HOUSING	.066
CONTACT	.041 SLOT

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₀	RELEASED	3/31/99	

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.1	Temperature Rating -65°C to +125°C
Frequency Range (GHz) DC to MAX	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Operating Frequency of Cable per MIL-C-17	Torque 7-10 In-Lbs	Shock MIL-STD-202, Method 213, Condition I
Volt Rating (VRMS MAX)	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +85°C
Ø Sea Level 250	Insertion (MAX Lbs) N/A	Moisture Resistance MIL-STD-202, Method 106
VSWR 1.18+.02f(GHz)	Withdrawal (MIN Oz) N/A	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Insertion Loss (dB MAX) .07√f(GHz)	Force to Engage and Disengage (In-Lbs MAX) 2.0	
RF Leakage (dB MIN) -[60-f(GHz)]	Center Contact Captivation	
Corona, 70,000 Ft (VRMS MIN) 190	Axial (Lbs) 6.0	
Dielectric Withstanding Voltage (VRMS MIN) Ø Sea Level 750	Radial (In-Oz) 4.0	
Contact Resistance (Milliohms MAX)	Cable Retention	
Center Contact 3.0	Axial Force (Lbs) 20 Min	
Outer Contact 2.0	Torque (In-Oz) N/A	
Cable to Housing 0.5	Weight (Grams) 4.2	
RF High Potential Ø Sea Level (VRMS MIN Ø 5 MHz) 500		
I.R.(Megohms MIN) 10,000		

HOUSING CAP COUPLING NUT	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 TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°		
DRAWN BY PATLAN DATE 10-08-98		
CHECKED BY		
APPD BY  3/31/99		
		
AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599		
TITLE OSM RIGHT ANGLE CABLE PLUG CRIMP ATTACHMENT M39012/56-3112 CAT B		
SIZE B CODE IDENT NO. 26805 2037-8112-92 REV 010		
SCALE 4:1		
SHEET 1 OF 1		