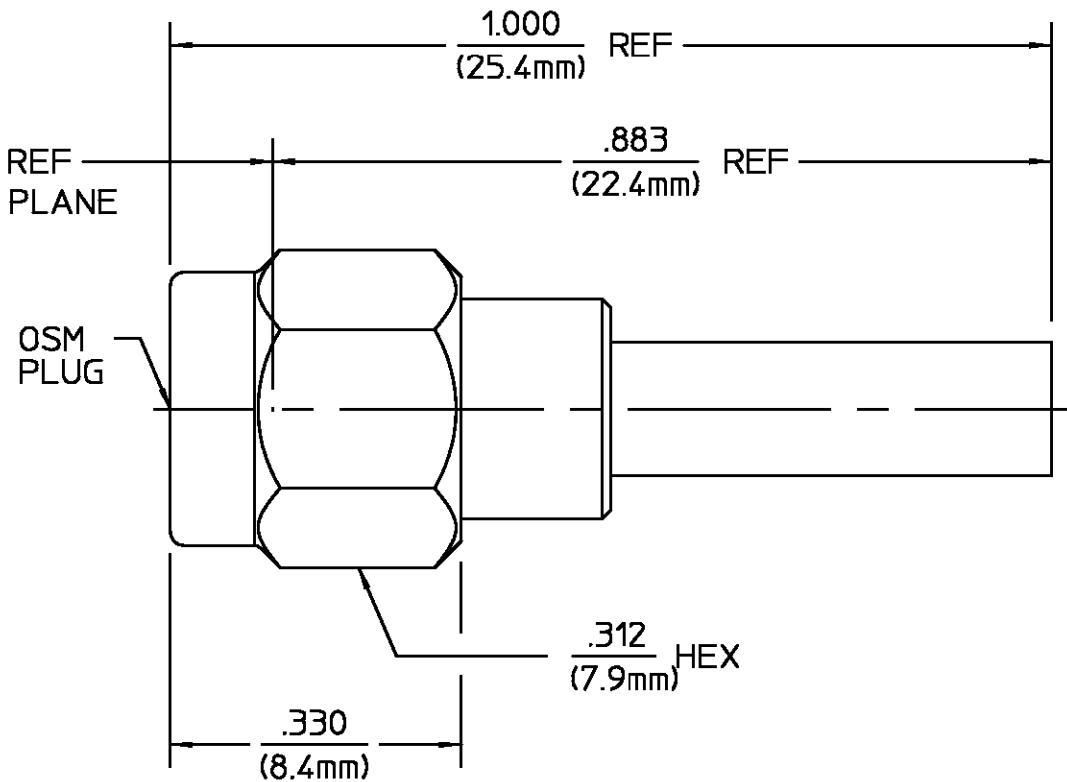


			DESIGNED FOR USE WITH RG-174/U, RG-188/U & RG-316/U		REVISIONS				
			CABLE ENTRY DIAMETER MINIMUM		REV	DESCRIPTION	DATE	APPROVED	
			FERRULE		.125	020	REVISED	3/17/96	3/4/96
			HOUSING		.066				
CONTACT		.023							
			HOUSING COUPLING NUT		STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303		PASSIVATE PER QQ-P-35		
			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		NICKEL PLATE PER QQ-N-290		
			COMPONENT		MATERIAL		FINISH		
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 1.30 : 1			Mating Characteristics:			Thermal Shock MIL-STD-202, Method 107, Condition B,			
Insertion Loss (dB MAX) .06 √f(GHz)			Insertion (MAX lbs) N/A			Except High Temp shall be +85°C			
RF Leakage (dB MIN) -[60-f(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 2.0			Radial (in-oz) N/A						
Outer Contact 2.0			Cable Retention						
Cable to Housing 0.5			Axial Force (lbs MIN) 20.0						
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500			Torque (in-oz MIN) N/A						
I.R.(Megohms MIN) 10,000			Weight (Grams) TBD						
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON			DRAWN BY <i>ADavis</i> DATE 11/17/92			
			FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°			CHECKED BY			
			These drawings and specifications are the property of M/A-COM 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.			APPD BY <i>DCornell</i> 12/15/92			
			USE ASS'Y PROCEDURE			AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599			
			408-04661 NO. AP. (28-001)			TITLE OSM LOW COST STRAIGHT CABLE PLUG CRIMP ATTACHMENT			
						SIZE B CODE IDENT NO. 26805 2831-7388-02 REV 020			
						SCALE 4 : 1 SHEET 1 OF 1			