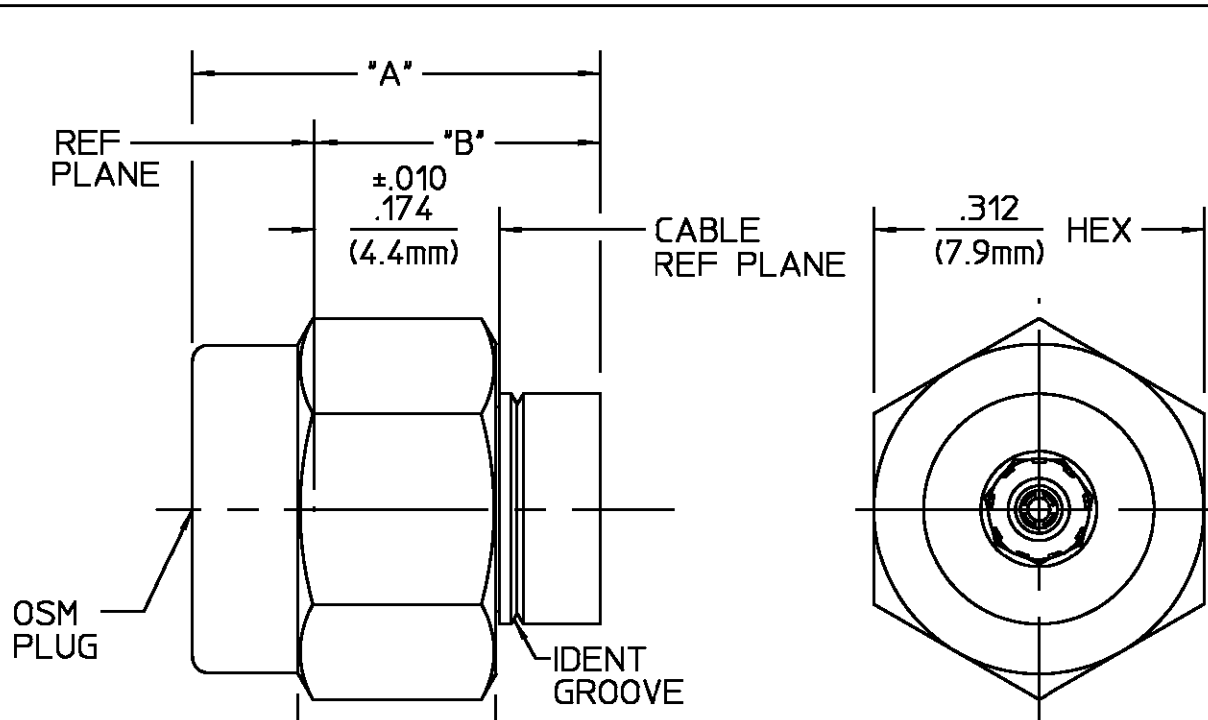


		DESIGNED FOR USE WITH .085 SEMI RIGID CABLE		REVISIONS			
		CABLE ENTRY DIAMETER MINIMUM		REV	DESCRIPTION	DATE	APPROVED
				030	ECN 95-0224-1	6/2/95	M.M.
		HOUSING CONTACT		.088 .021			
		NOTES: 1. PICTORIAL VIEW AFTER CRIMPING. 2. MINIMUM STRAIGHT CABLE LENGTH .175. 3. IT IS SUGGESTED TO BEND CABLE PRIOR TO CRIMPING.					
		BEFORE CRIMP AFTER CRIMP		DIM "A" .513 (13.03mm) MAX .460 (11.68mm) MAX		DIM "B" .348 (8.83mm) REF .278 (7.06mm) REF	
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 18		Recommended Mating		Vibration MIL-STD-202, Method 204, Condition D.			
Volt Rating (VRMS MAX) 335 @ Sea Level		Torque (in-lbs) 7 - 10		Shock MIL-STD-202, Method 213, Condition I.			
VSWR 1.07 + .01 f(GHz)		Force to Engage and Disengage (in-lbs MAX) 2.0		Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp shall be +115°C.			
Insertion Loss (dB MAX) .03 √f(GHz)		Center Contact Captivation		Moisture Resistance MIL-STD-202, Method 106			
RF Leakage (dB MIN) -90 dB @ 2-3 GHz		Axial (lbs) 6.0		Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray			
Corona, 70,000 Ft (VRMS MIN) 250		Radial (in-oz) N/A					
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1,000		Cable Retention					
Contact Resistance (Milliohms MAX)		Axial Force (lbs MIN) 30					
Center Contact 3.0		Torque (in-oz) 16					
Outer Contact 2.0		Coupling Nut					
Cable to Housing 0.5		Proof Torque (in-lbs MIN) 15					
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670		Retention (lbs MIN) 60					
I.R.(Megohms MIN) 5,000		Weight (Grams) TBD					
				COMPONENT MATERIAL FINISH			
				HOUSING COUPLING NUT BUSHING 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 BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290			
				GASKET FLOURACARBON RUBBER PER MIL-R-83248 N/A			
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON			
				FRACTIONAL DECIMAL ANGLES ± 1/64 ±.005 ± 1°			
				DRAWN BY J. Adams DATE 07/07/92			
				CHECKED BY BB DATE 07/09/92			
				APPROVED BY D. Comella DATE 07/10/92			
				AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599			
				TITLE OSM STRAIGHT CABLE PLUG COMPRESSION CRIMP ATTACHMENT (M39012/79-3311)			
				USE ASS'Y PROCEDURE 408-04667 (20-588)			
				SIZE B CODE IDENT NO. 26805 2001-8311-92 REV 030			
				SCALE 6 : 1 SHEET 1 OF 1			