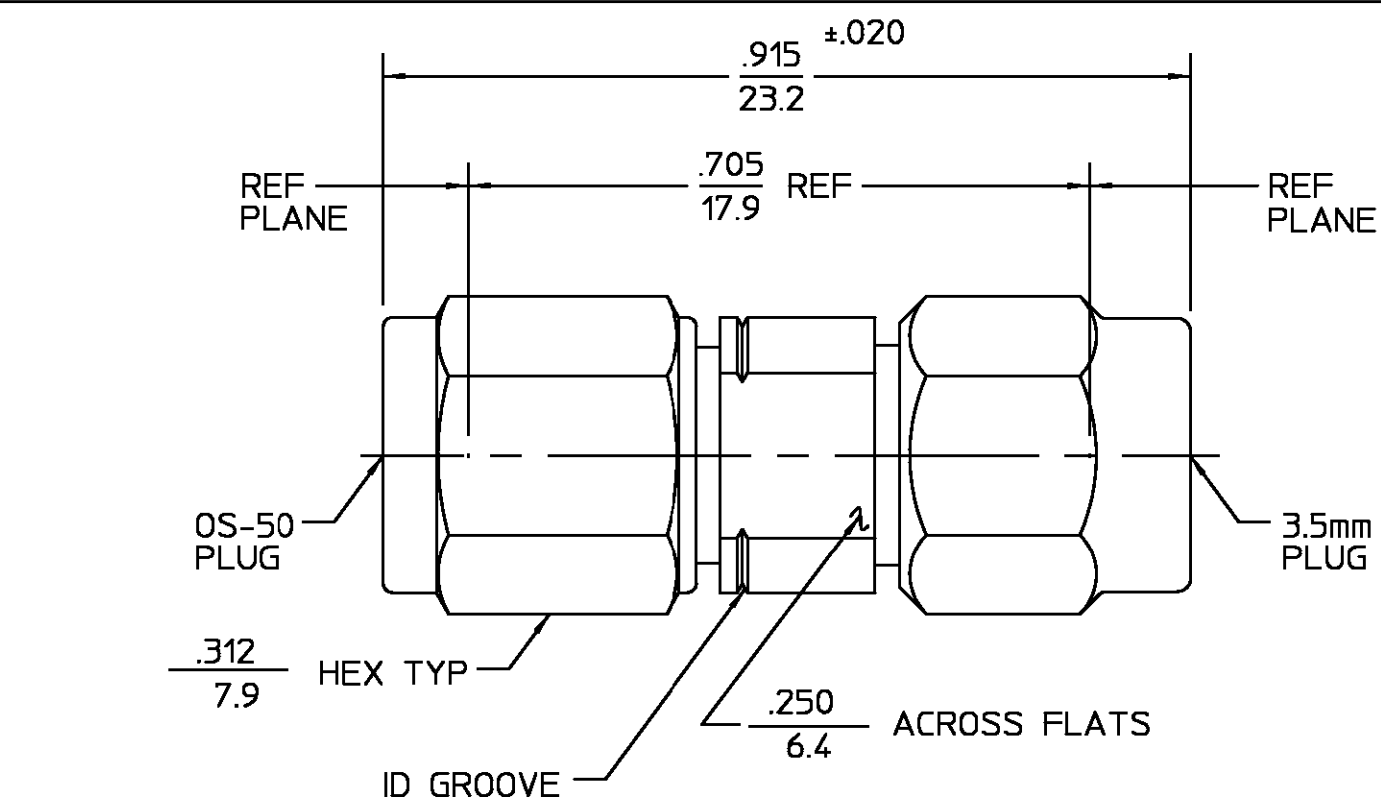




.XXX = in
XX.X = mm

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₁	REVISED	11/1/95	Com 11/6/95
B	PER EC 0U20-0116-01-02	10/26/01	C. Huang

DESIGN CONTROL REQUIRED

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. N/A	Temperature Rating -55°C to +125°C
Frequency Range (GHz) DC to 26.5 GHz	Recommended Mating Torque 7 to 10 in-lbs	Vibration MIL-STD-202, Method 204, Condition D, 20G's
Volt Rating (VRMS MAX) @ Sea Level N/A	Mating Characteristics: Insertion (MAX Lbs) N/A	Shock MIL-STD-202, Method 213, Condition I, 100G's
VSWR 1.11 MAX DC-18; 1.13 MAX 18-26.5	Withdrawal (MIN Oz) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) .07 √f(GHz)	Force to Engage and Disengage (In-Lbs MAX) 2.0	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -(90f)	Center Contact Captivation Axial (Lbs) 4.0	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) 150	Radial (In-Oz) 4.0	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 500	Cable Retention Axial Force (Lbs) N/A	
Contact Resistance (Milliohms MAX) Center Contact 4.0	Torque (In-Oz) N/A	
Outer Contact 4.0	Weight (Grams) N/A	
Cable to Housing N/A		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 600		
IR.(Megohms MIN) 5,000		

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
BUSHING	TFE FLUOROCARBON PER ASTM-D-1457	N/A
COUPLING NUT	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204
DIELECTRIC	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
CENTER CONTACT	SILICONE RUBBER PER ZZ-R-765	N/A
RETAINING RING		
GASKET		
COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°		
DRAWN BY RMF DATE 2/13/95 CHECKED BY APPD BY RMF 2/13/95		
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USE ASS'Y PROCEDURE NO. AP. N/A		
AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599		
TITLE OS-50 PLUG TO 3.5mm BSA PLUG		
SIZE B	CODE IDENT NO. 26805	REV 01 ₁
SCALE 5 : 1	1250-2330-02	SHEET 1 OF 1