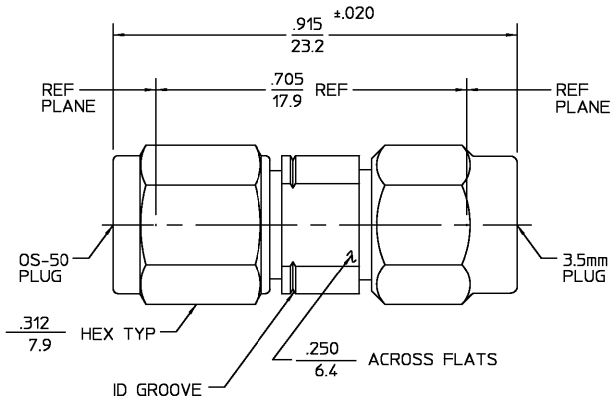

.XXX = in
XX.X = mm

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01_1	REVISED	11/1/95	11/6/95
B	PER EC 0U20-0116-01-02	10/26/01	

DESIGN CONTROL REQUIRED

COMPONENT	MATERIAL	FINISH
HOUSING BUSHING COUPLING NUT	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	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

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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCE ON
FRAC. ± 1/64 DEC. ±.005 ANGLES ± 1°

DRAWN BY RMF DATE 2/13/95
CHECKED BY
APPD BY RMF 2/13/95

USE ASS'Y PROCEDURE

NO. A.P. N/A

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE OS-50 PLUG TO 3.5mm BSA PLUG

SIZE	CODE IDENT NO.		REV
B	26805	1250-2330-02	01_1

SCALE 5 : 1 SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1046308-1
SHEET 1 OF 1 REV B