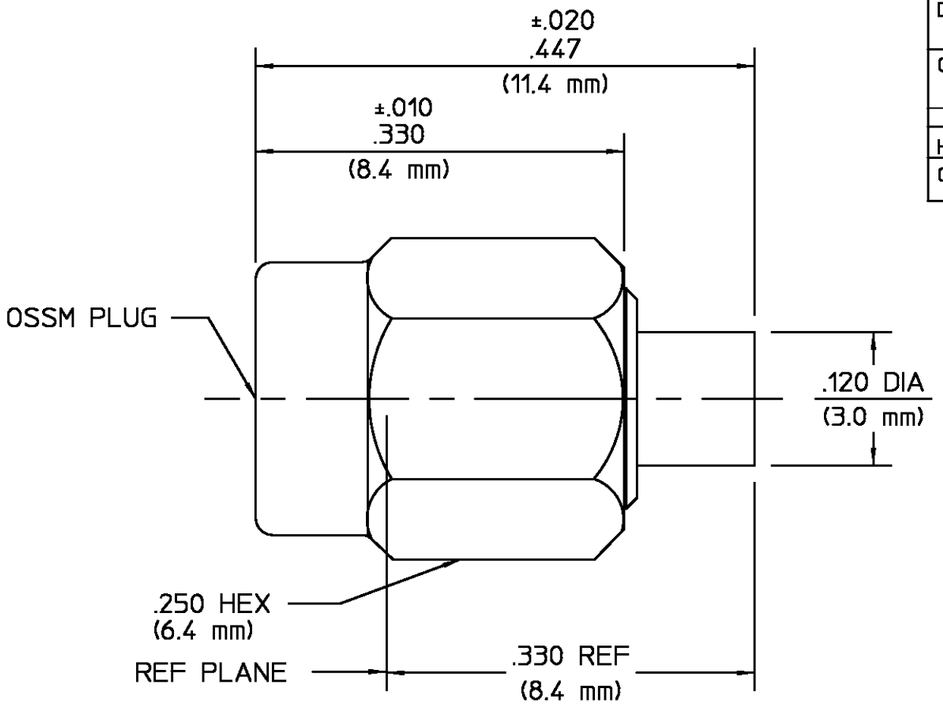

DESIGNED FOR USE WITH RG405/U (.085 DIA)	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.0875
CTR CONT	.023

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
01_2	REVISED PER ECN 96-0048	6/25/96	RMC

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A-582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	TFE FLUOROCARBON PER MIL-P-19468 AND FED SPEC L-P-403	N/A
CENTER CONTACT	BERYLLIUM COPPER PER QQ-C-530, ALLOY 173	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER QQ-C-530	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 319-1	Temperature Rating -65°C TO+165°C
Frequency Range (GHz) DC to 26GHz	Recommended Mating Torque 5 in lbs	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 250	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.10+.01fGHz	Insertion (MAX Lbs) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +85°C
Insertion Loss (dB MAX) .04 $\sqrt{GHz}$	Withdrawal (MIN Oz) N/A	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -90	Force to Engage and Disengage (In-Lbs MAX) 2	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 190	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750	Axial (Lbs) N/A	
Contact Resistance (Milliohms MAX)	Radial (In-Oz) N/A	
Center Contact 4.0	Cable Retention	
Outer Contact 2.0	Axial Force (Lbs) 30	
Cable to Housing 0.5	Torque (In-Oz) 16	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500	Weight (Grams) N/A	
I.R.(Megohms MIN) 5000		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

FRAC.	DEC.	ANGLES
± 1/64	±.005	± 1°

		DATE
DRAWN BY	KC MAHER	12/19/88
CHECKED BY	C. WARD	12/19/88
APP'D BY	MCD	12/19/88

AMP

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USE ASS'Y PROCEDURE

NO. A.P. 10-052
408-04622

TITLE OSSM STRAIGHT CABLE PLUG-DIRECT SODER ATTACHMENT

SIZE	CODE IDENT NO.		REV
B	26805	1001-5045-92	01_2
SCALE 8/1			SHEET 1 OF 1

AMP PART # 1045358
SHEET 1 OF 1 REV A