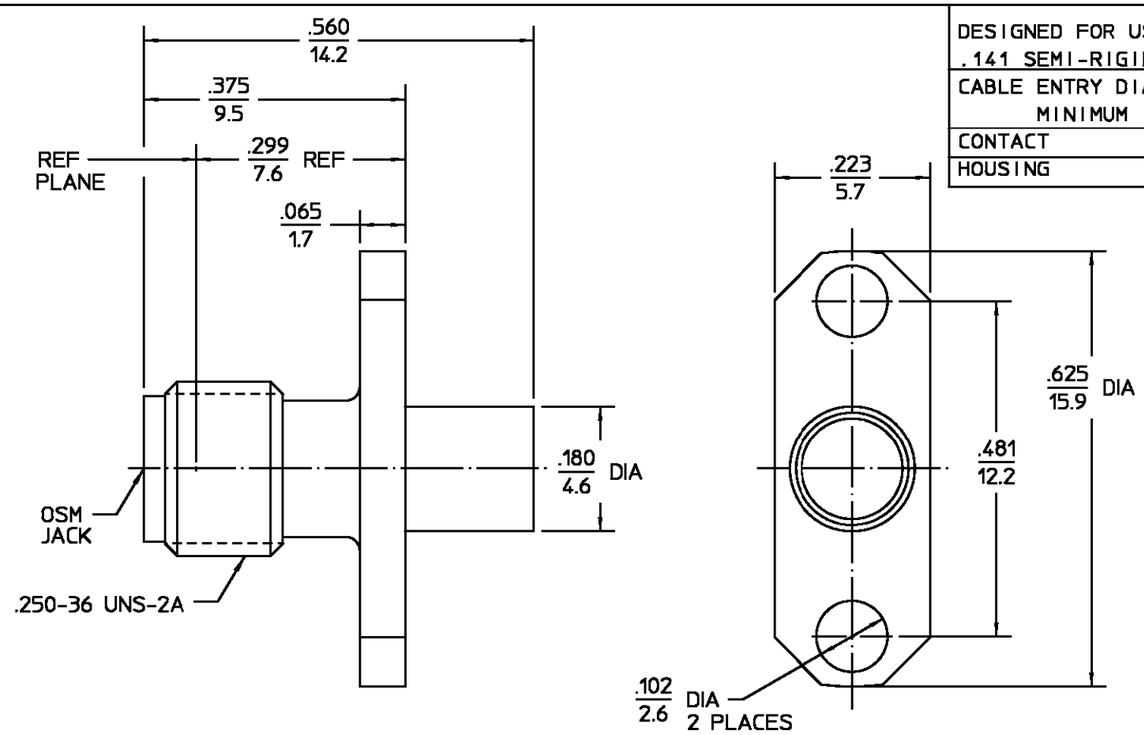

DESIGNED FOR USE WITH .141 SEMI-RIGID CABLE	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.037
HOUSING	.143

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
02_3	REVISED	04/12/95	JRD

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.2	Temperature Rating -65°C to +165°C
Frequency Range (GHz) DC to 12.4	Recommended Mating Torque N/A	Vibration MIL-STD-202, Method 204, Condition D.
Volt Rating (VRMS MAX) @ Sea Level 500	Mating Characteristics: Insertion (MAX Lbs) 3.0	Shock MIL-STD-202, Method 213, Condition I.
VSWR 1.07 +.01 f(GHz)	Withdrawal (MIN Oz) 1.0	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +115°C
Insertion Loss (dB MAX) $.03\sqrt{f(GHz)}$	Force to Engage and Disengage (In-Lbs MAX) 2.0	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) [-90-f(GHz)]	Center Contact Captivation Axial (Lbs) 6.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 375	Radial (In-Oz) N/A	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1,500	Cable Retention Axial Force (Lbs MIN) 60.0	
Contact Resistance (Milliohms MAX) Center Contact 2.0	Torque (In-Oz) 55.0	
Outer Contact 2.0	Weight (Grams) TBD	
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1,000		
I.R.(Megohms MIN) 10,000		

.XXX = in
XX.X = mm

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

FRAC. ± 1/64 DEC. ±.005 ANGLES ± 1°

DRAWN BY D. CAM DATE 9-17-81
CHECKED BY
APP'D BY JB 9/17/81

AMP

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140 Fourth Avenue
Waltham, MA 02451-7599

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USE ASS'Y PROCEDURE

408-04767
(20-009)
NO. A.P.

TITLE OSM 2 HOLE FLANGE MOUNT CABLE JACK DIRECT SOLDER ATTACHMNET

SIZE	CODE IDENT NO.		REV
B	26805	2006-5013-00	02_3

SCALE 5 : 1 SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1051052-1
SHEET 1 OF 1 REV A