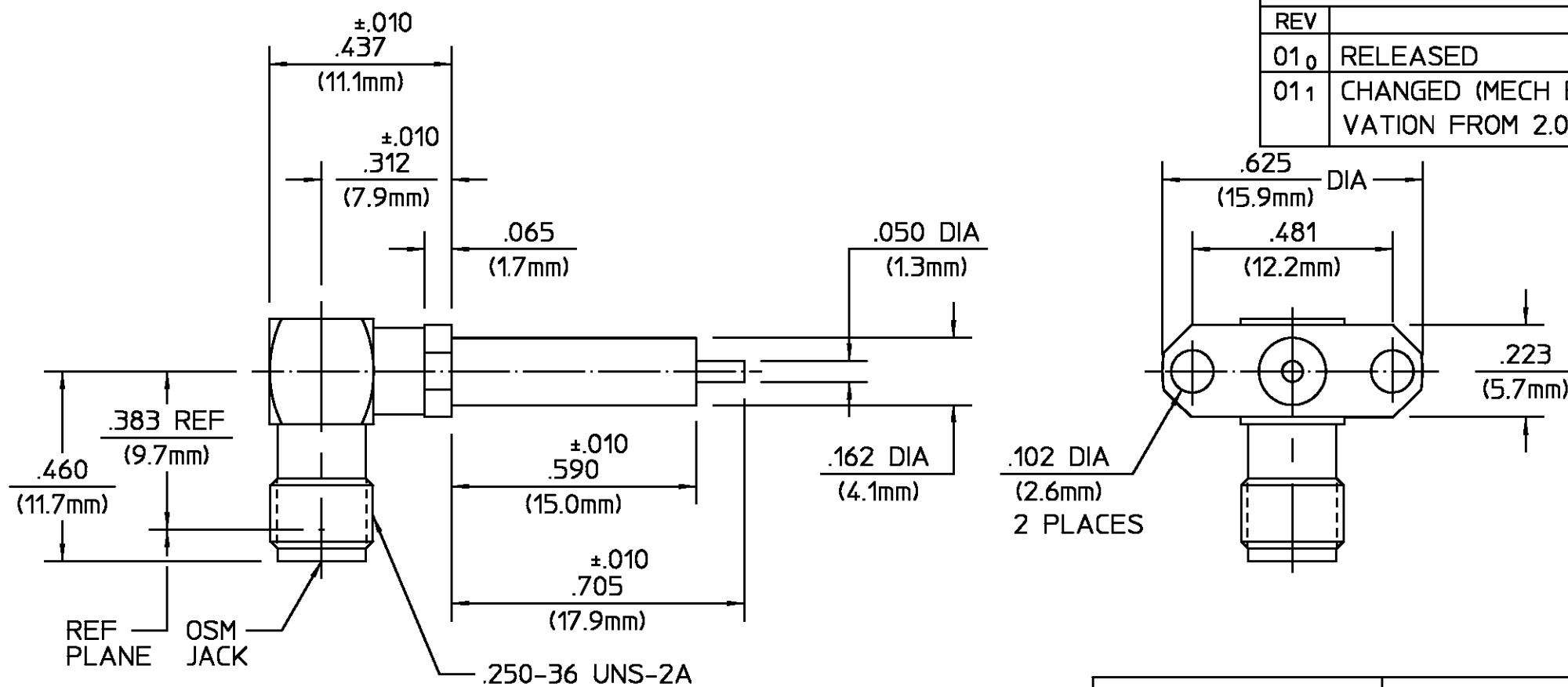


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
010	RELEASED	7-24-90	S.T.M.
011	CHANGED (MECH BLOCK) CONTACT CAPTIVATION FROM 2.0 TO 4.0. PER ECN 90-1159	CKM 12/17/90	BB 12/17/90



ELECTRICAL
Nominal Impedance (Ohms) <u>50</u>
Frequency Range (GHz) <u>DC to 18</u>
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>
VSWR <u>1.07 + .015f(GHz)</u>
Insertion Loss (dB MAX) <u>.08√f(GHz)</u>
RF Leakage (dB MIN) <u>-[90-f(GHz)]</u>
Corona, 70,000 Ft (VRMS MIN) <u>250</u>
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>
Contact Resistance (Milliohms MAX) Center Contact <u>4.0</u> Outer Contact <u>2.0</u> Cable to Housing <u>N/A</u>
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>
I.R.(Megohms MIN) <u>10,000</u>

MECHANICAL
Interface Dimensions MIL-STD-348, Fig. <u>310.2</u>
Recommended Mating Torque <u>N/A</u>
Mating Characteristics: Insertion (MAX Lbs) <u>3.0</u> Withdrawal (MIN Oz) <u>1.0</u>
Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>
Center Contact Captivation Axial (Lbs) <u>6.0</u> Radial (In/Oz) <u>4.0</u>
Cable Retention Axial Force (Lbs) <u>N/A</u> Torque (In/Oz) <u>N/A</u>
Weight (Grams) <u>TBD</u>

ENVIRONMENTAL
Temperature Rating <u>-65°C To 125°C</u>
Vibration MIL-STD-202, Method 204, Condition D
Shock MIL-STD-202, Method 213, Condition I
Thermal Shock MIL-STD-202, Method 107, Condition B
Moisture Resistance MIL-STD-202, Method 106, Except step 7b (vibration) Shall Be Omitted
Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray

COMPONENT	MATERIAL	FINISH
HOUSING CAP	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 CONTACT EXT	BERYLLIUM COPPER PER ASTM-B196, ALLOY 173	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY <b>B.M. EDWARDS</b> DATE <b>7/19/90</b>	CHECKED BY <b>BB</b> DATE <b>7-24-90</b>	APPD BY <b>S.T.M.</b> DATE <b>7-24-90</b>	<b>AMP</b> AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
These drawings and specifications are the property of Omni Spectra Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission.	USE ASS'Y PROCEDURE  NO. AP. <u>N/A</u>	TITLE <b>OSM HIGH FREQ RIGHT ANGLE 2-HOLE FLANGE MOUNT JACK RECEPTACLE - STRAIGHT TERMINAL</b>		
	SIZE <b>B</b>	CODE IDENT NO. <b>26805</b>	2054-1241-02	REV <b>01</b>
	SCALE <b>3:1</b>		SHEET 1 OF 1	

CUSTOMER DRAWING

AMP PART # 1052986-1  
SHEET 1 OF 1 REV A

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