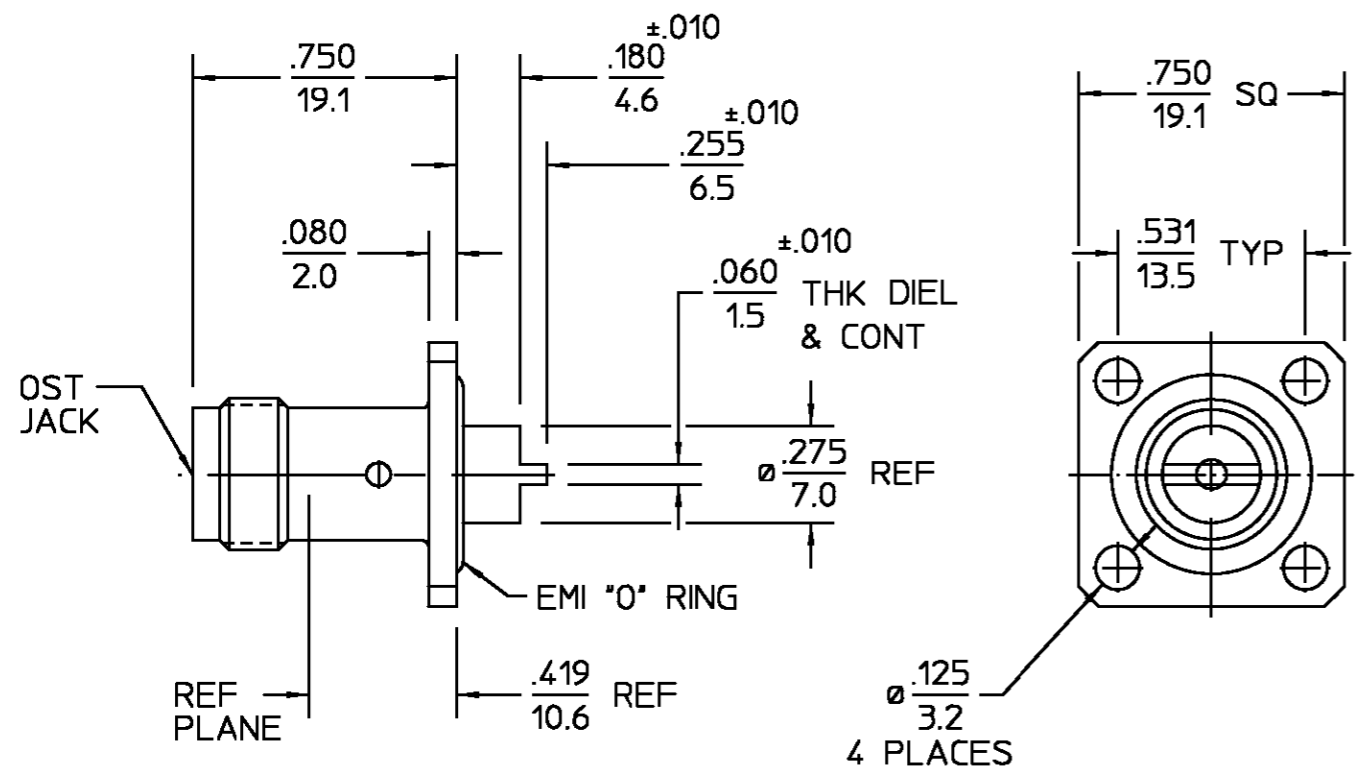


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
020	REVISED	<i>Rdy</i> 7/8/98	<i>DC</i> 7/9/1998



ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz)	DC to 11
Volt Rating (VRMS MAX)	
@ Sea Level	500
VSWR	N/A
Insertion Loss (dB MAX)	.06 $\sqrt{f(\text{GHz})}$
RF Leakage (dB MIN)	-60 @ 2 to 3 GHz
Corona, 70,000 Ft (VRMS MIN)	375
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level	1500
Contact Resistance (Milliohms MAX)	
Center Contact	1.5
Outer Contact	2.0
Cable to Housing	N/A
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz)	1000
I.R.(Megohms MIN)	5000

MECHANICAL	
Interface Dimensions MIL-STD-348, Fig. 313.2	
Recommended Mating	
Torque	12 to 15 in/LBs
Mating Characteristics:	
Insertion (MAX Lbs)	2.0
Withdrawal (MIN Oz)	2.0
Force to Engage and Disengage (in/Lbs MAX)	2.0
Center Contact Captivation	
Axial (Lbs)	6.0
Radial (in/Oz)	4.0
Weight (Grams)	TBD

ENVIRONMENTAL	
Temperature Rating	-55°C to 125°C
Vibration MIL-STD-202, Method 204	Condition B
Shock MIL-STD-202, Method 213,	Condition I
Thermal Shock MIL-STD-202, Method 107, Condition B,	Except High Temp Shall Be 200°C
Moisture Resistance MIL-STD-202, Method 106, Except Vibration	Shall Be Omitted
Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray	

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	PTFE 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
O-RING	CONDUCTIVE ELASTOMETER PER MIL-G-83528, TYPE D	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY <i>B/E</i> DATE 1/21/93	<b>AMP</b> AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	CHECKED BY <i>D/K</i>	
FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	APPD BY <i>D/K</i> DATE 1/28/93	
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	TITLE OST 4 HOLE FLANGE MOUNT JACK RECEPTACLE-TAB TERMINAL
	NO. AP. N/A	SIZE B CODE IDENT NO. 26805 3152-5308-02 REV 020
		SCALE 2:1 SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1252516-1  
SHEET 1 OF 1 REV A