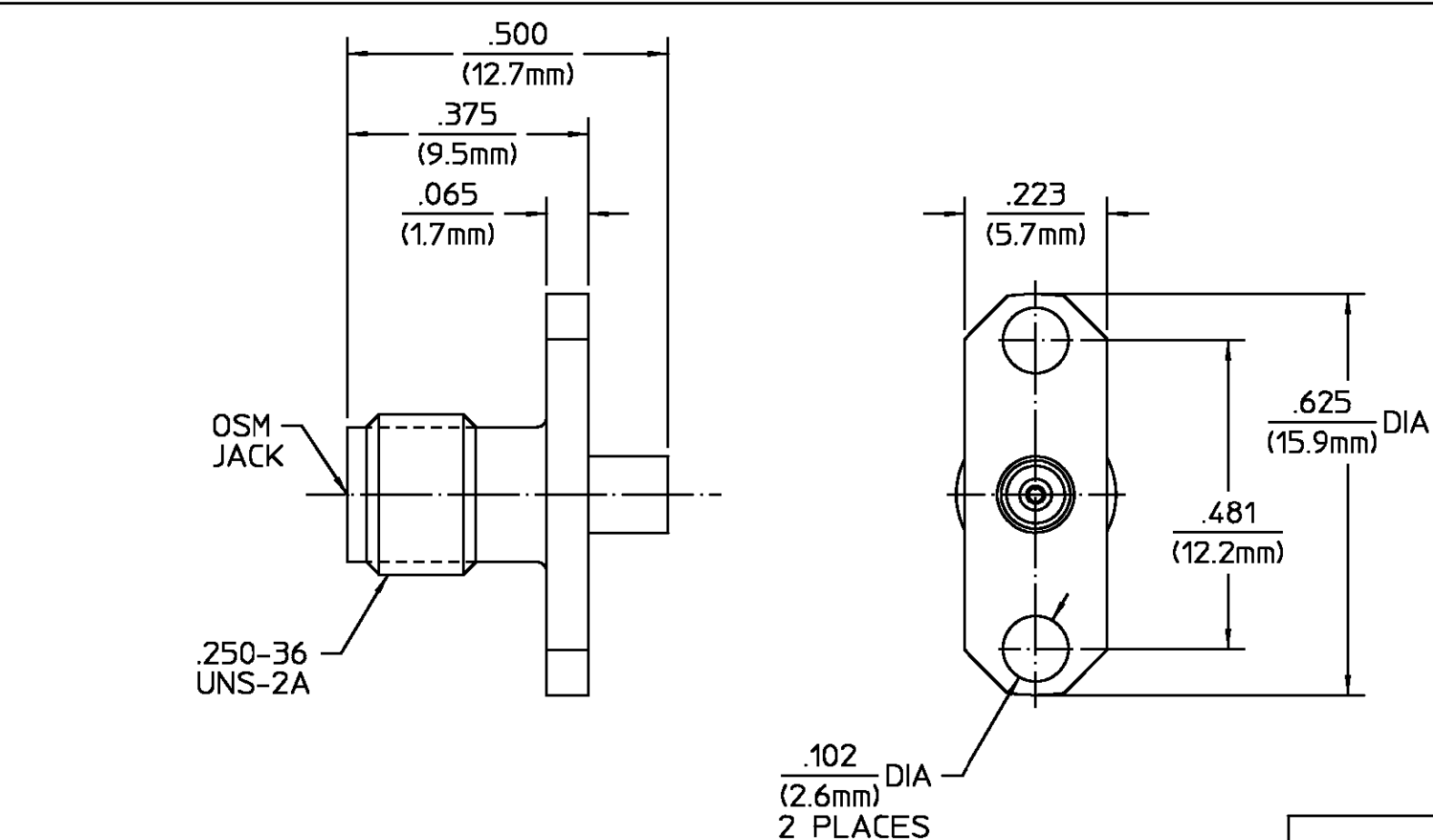




REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
010	RELEASED	4/21/95	<i>RA</i>

DESIGNED FOR USE WITH .085 SEMI-RIGID CABLE CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.089
CONTACT	.021

DESC NUMBER 85022SSGA-1

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. <u>310.2</u>	Temperature Rating <u>-65°C to +165°C</u>
Frequency Range (GHz) DC to <u>18</u>	Recommended Mating Torque <u>7-10 In-Lbs</u>	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Mating Characteristics: Insertion (MAX Lbs) <u>3.0</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.07 +.005 f(GHz)</u>	Withdrawal (MIN Oz) <u>1.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) <u>.03 √f(GHz)</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	Except High Temp shall be +115°C
RF Leakage (dB MIN) <u>-(90-fGHz)</u>	Center Contact Captivation Axial (Lbs) <u>N/A</u>	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Cable Retention Axial Force (Lbs) <u>30</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>	Torque (In-Oz) <u>16</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u>	Weight (Grams) _____	
Outer Contact <u>2.0</u>		
Cable to Housing <u>0.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>		
I.R.(Megohms MIN) <u>5,000</u>		

HOUSING	MATERIAL	FINISH
STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	TFE FLUOROCARBON PER ASTM-D-1457	GOLD PLATE PER MIL-G-45204
DIELECTRIC	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	N/A
CENTER CONTACT		GOLD PLATE PER MIL-G-45204
COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°	DRAWN BY <i>RA</i> DATE <u>4/21/95</u> CHECKED BY <i>RA</i> APPD BY <i>RA</i> DATE <u>4/21/95</u>	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.	AMP PART # 1311809-1 408-04833 NO. AP. (20-010)	TITLE OSM 2 HOLE FLANGE MOUNT CABLE JACK - DIRECT SOLDER ATTACHMENT SIZE B CODE IDENT NO. 26805 2006-5193-00 REV 010 SCALE 4:1 SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1051067-1
SHEET 1 OF 1 REV A