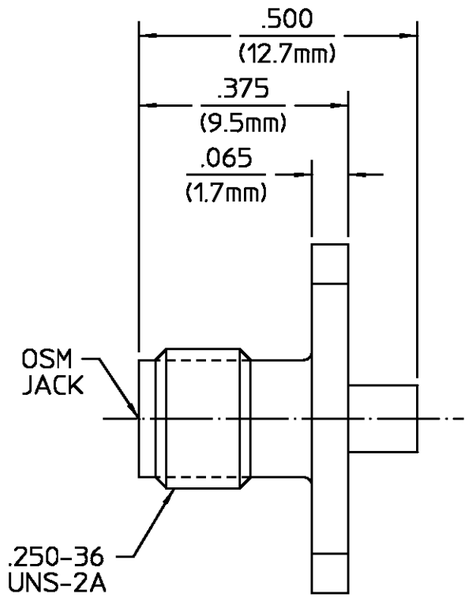

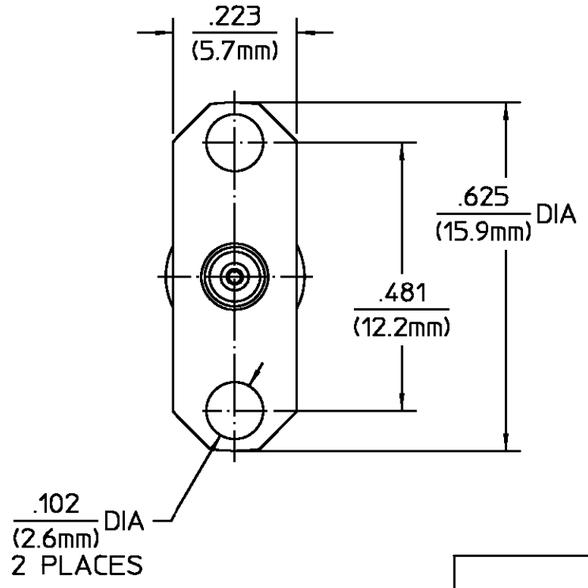

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 0	RELEASED	6/21/95	

DESC NUMBER 85022SSGA-1

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

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz)	DC to 18
Volt Rating (VRMS MAX)	
@ Sea Level	335
VSWR	1.07 +.005 f(GHz)
Insertion Loss (dB MAX)	$.03\sqrt{f(GHz)}$
RF Leakage (dB MIN)	-(90-fGHz)
Corona, 70,000 Ft (VRMS MIN)	250
Dielectric Withstanding Voltage	
(VRMS MIN) @ Sea Level	1000
Contact Resistance (Milliohms MAX)	
Center Contact	3.0
Outer Contact	2.0
Cable to Housing	0.5
RF High Potential @ Sea Level	
(VRMS MIN @ 5 MHz)	670
I.R.(Megohms MIN)	5,000

MECHANICAL	
Interface Dimensions	MIL-STD-348A, Fig. 310.2
Recommended Mating Torque	7-10 In-Lbs
Mating Characteristics:	
Insertion (MAX Lbs)	3.0
Withdrawal (MIN Oz)	1.0
Force to Engage and Disengage (In-Lbs MAX)	2.0
Center Contact Captivation Axial (Lbs)	N/A
Cable Retention	
Axial Force (Lbs)	30
Torque (In-Oz)	16
Weight (Grams)	

ENVIRONMENTAL
Temperature Rating -65°C to +165°C
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, Except High Temp shall be +115°C
Moisture Resistance MIL-STD-202, Method 106
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	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCE ON
FRAC. ± 1/64 DEC. ±.005 ANGLES ± 1°

DRAWN BY — DATE 4/21/95
CHECKED BY
APP'D BY — 4/21/95

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

AMP PART # 1311809-1

408-04833
NO. A.P. (20-010)

TITLE OSM 2 HOLE FLANGE MOUNT CABLE JACK - DIRECT SOLDER ATTACHMENT

SIZE	CODE IDENT NO.		REV
B	26805	2006-5193-00	01 0

SCALE 4:1 — SHEET 1 OF 1

CUSTOMER DRAWING

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