



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
012	REVISED	JB 9/21/95	ICam 5/21/96

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz) DC to	12.4
Volt Rating (VRMS MAX)	
@ Sea Level	335
VSWR	N/A
Insertion Loss (dB MAX)	N/A
RF Leakage (dB MIN)	N/A
Corona, 70,000 Ft (VRMS MIN)	250
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level	1,000
Contact Resistance (Milliohms MAX)	
Center Contact	3.0
Outer Contact	2.0
Cable to Housing	N/A
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz)	670
LR.(Megohms MIN)	10,000

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)	6.0
Radial (In-Oz)	4.0
Cable Retention	
Axial Force (Lbs)	N/A
Torque (In-Oz)	N/A
Weight (Grams)	TBD

ENVIRONMENTAL	
Temperature Rating	-65°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 107B, Condition B	
Moisture Resistance MIL-STD-202, Method 106	
Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray	

HOUSING	
DIELECTRIC	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303
CENTER CONTACT	TFE FLUOROCARBON PER ASTM-D-1457
	BERYLLIUM COPPER PER ASTM B 196 OR ASTM B-197 ALLOY C17300, CONDITION H
COMPONENT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON GEN. TOL. ANGLES ±.005 ± °	
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MATERIAL	
STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	
TFE FLUOROCARBON PER ASTM-D-1457	
BERYLLIUM COPPER PER ASTM B 196 OR ASTM B-197 ALLOY C17300, CONDITION H	
FINISH	
PASSIVATE PER QQ-P-35	
N/A	
GOLD PLATE PER MIL-G-45204	

DRAWN BY BWG 3/11/68		DATE 3/11/68	
CHECKED BY PRB 3/11/68		DATE 3/11/68	
APPD BY DN 4/5/68		DATE 4/5/68	
		AMP Incorporated	
		140 Fourth Avenue Waltham, MA 02451-7599	
TITLE OSM FLANGE MOUNT JACK RECEPTACLE SOLDER POT TERMINAL			
SIZE B	CODE IDENT NO. 26805	2052-5085-02	REV 012
SCALE 4:1			SHEET 1 OF 1