



DESIGNED FOR USE WITH		REVISIONS			
.141 SEMI-RIGID CABLE		REV	DESCRIPTION	DATE	APPROVED
CABLE ENTRY DIAMETER MINIMUM		01 ₀	RELEASED	8-6-82	R.SABA
SLEEVE .144		01 ₁	MINOR CHANGE PER ECN 87-0898 (2 OF 2)	L.ROSS 7-15-87	MH/M 7-23-87
CONTACT .034		01 ₂	REDRAWN IN CAD PER ECN 92-0010	MD 11-03-91	<i>[Signature]</i> 19730793

COMPONENT	MATERIAL	FINISH
HOUSING MOUNTING NUT LOCKWASHER CLAMP NUT	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	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
SLEEVE	BRASS PER QQ-B-626 COMP. 360, HALF HARD	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 304.2	Temperature Rating <u>-65°C to +125°C</u>
Frequency Range (GHz) DC to <u>18</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition B.
Volt Rating (VRMS MAX) @ Sea Level <u>1,000</u>	Torque <u>12-15 in-lbs</u>	Shock MIL-STD-202, Method 213, Condition I.
VSWR <u>1.008 ±.002 f(GHz)</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B.
Insertion Loss (dB MAX) <u>15dB @ 10GHz</u>	Insertion: <u>2.0</u>	Except High Temp shall be <u>+85°C</u>
RF Leakage (dB MIN) <u>-60 @ 2-3 GHz</u>	Withdrawal: <u>2.0</u>	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) <u>500</u>	Force to Engage and Disengage (In-Lbs MAX) <u>6 in-lbs</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,500</u>	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) <u>6.0</u>	
Center Contact <u>1.0</u>	Radial (In-Oz) <u>4.0</u>	
Outer Contact <u>N/A</u>	Cable Retention	
Cable to Housing <u>N/A</u>	Axial Force (Lbs) <u>60.0</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,500</u>	Torque (In-Oz) <u>N/A</u>	
LR.(Megohms MIN) <u>5,000</u>	Weight (Grams) <u>TBD</u>	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY J. MCINNIS DATE 8-3-82	AMP AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
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USE ASS'Y PROCEDURE 408-08243 NO. AP. (36-001)	APPD BY RMF DATE 8/6/82	TITLE OSN HIGH FREQ. BULKHEAD FEEDTHROUGH CABLE JACK SOLDER CLAMP ATTACHMENT
SCALE 3 : 1	SIZE B	CODE IDENT NO. 26805
		REV 01₂
		SHEET 1 OF 1