



CABLE ENTRY DIAMETER MINIMUM	
SLEEVE	.145

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₂	REVISED PER ECN 95-0127-4	3/29/95	<i>M.M.</i>

- NOTES:
- DESIGNED FOR USE WITH .141 DIA SEMI-RIGID CABLE.
 - CAPTURED CENTER CONTACT

HOUSING MOUNTING NUT CLAMP NUT LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
SLEEVE	BRASS PER QQ-B-626 COMP. 360	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457, MIL-P-19468, AND FED. SPEC L-P-403	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B196, ALLOY 173	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
COMPONENT	MATERIAL	FINISH

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348 <u>FIG 402.2</u>	Temperature Rating <u>-65°C TO +105°C</u>
Frequency Range (GHz) <u>0 - 18</u>	Recommended Mating	Vibration - MIL-STD-1344, Method 2005, Condition IV, 30g Peak
Volt Rating (VRMS MAX) <u>600</u>	Torque <u>12 - 15 In Lbs</u>	Shock - MIL-STD-1344, Method 2004, Condition G
VSWR <u>1.15 + .012 (f)GHz</u>	Mating Characteristics:	Thermal shock MIL-STD-1344, Method 1003 Test Condition A
Insertion Loss <u>.10 V(f) GHz</u>	Insertion (MAX Lbs) <u>2.0</u>	Except High Temp 115°C
RF Leakage <u>-90 db Min</u>	Withdrawal (MIN Oz) <u>2.0</u>	Corrosion - MIL-STD-1344, Method 1001, Condition B
Between 2 TO 3 GHz	Connector Engagement and Disengagement (In/Lbs MAX) <u>6.0</u>	
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) <u>1,500</u>	Axial <u>6.0</u>	
Contact Resistance (Milliohms MAX)	Radial <u>N/A</u>	
Center Contact <u>1.5</u>	Cable Retention	
Outer Contact <u>2.0</u>	Axial Force <u>60 Lbs Min</u>	
RF High Potential	Torque <u>55 In Oz Min</u>	
(VRMS MIN @ 5 MHz) <u>1,000</u>	Weight (Grams) <u>TBD</u>	
LR.(Megohms) <u>5,000</u>		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ± .005 ± °	DRAWN BY <u>M.CATIZONE</u> DATE <u>2-23-90</u>	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
	CHECKED BY <u>K.C.MAHER</u> 5/22/90		
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	USE ASS'Y PROCEDURE		TITLE OSN HIGH FREQ. BULKHEAD FEEDTHROUGH CABLE JACK SOLDER CLAMP ATTACHMENT
	NO. AP. <u>408-08245</u> <u>(36-012)</u>		SIZE <u>B</u> CODE IDENT NO. <u>26805</u> 3604-5002-00 REV <u>01₂</u>
	SCALE <u>2:1</u>	SHEET 1 OF 1	