



CABLE ENTRY DIAMETER MINIMUM	
SLEEVE	.145

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>2</sub>	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		
These drawings and specifications are the property of M/A-COM Interconnect Division 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.	APPD BY <u>Q.R.L.</u> 5/22/90	AMP	
	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>01<sub>2</sub></u>
	SCALE <u>2:1</u>	SHEET 1 OF 1	