



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 <sub>0</sub>	REVISED	JD 8/7/95	JD 9/7/95
B	PER EC 0U20-0692-00	9/27/01	C. Hoang 9/27/01

**DESIGN CONTROL REQUIRED**

DESIGNED FOR USE WITH RD-316 CABLE	
CABLE ENTRY DIAMETER MINIMUM	
CLAMP NUT	.148
CONTACT	.022
COLLAR	.063
WASHER	.148
WEDGE	.135

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. <u>304.2</u>	Temperature Rating <u>-65°C to 125°C</u>
Frequency Range (GHz) DC to <u>10GHz</u>	Recommended Mating Torque <u>12-15 IN-LBS</u>	Vibration MIL-STD-202, Method 204, Condition B
Volt Rating (VRMS MAX) @ Sea Level <u>1,000</u>	Mating Characteristics: Insertion (MAX Lbs) <u>2.0</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.30 MAX</u>	Withdrawal (MIN Oz) <u>2.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition A.
Insertion Loss (dB MAX) <u>.05 √fGHz</u>	Force to Engage and Disengage (In-Lbs MAX) <u>3</u>	Except High Temp shall be 200°C
RF Leakage (dB MIN) <u>.90-fGHz</u>	Center Contact Captivation Axial (Lbs) <u>15</u>	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Cable Retention Axial Force (Lbs) <u>25</u>	Shall Be Omitted
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,500</u>		Corrosion - MIL-STD-1344, Method 001, Condition B, 5% salt spray
Contact Resistance (Milliohms MAX) Center Contact <u>1.0</u>		500 hours mated condition
Outer Contact <u>.2</u>		
Cable to Housing <u>.05</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,500</u>		
I.R.(Megohms MIN) <u>5,000</u>		

COMPONENT	MATERIAL	FINISH
HOUSING, COLLAR, CLAMP NUT, WEDGE & WASHER	BRASS PER QQ-B-626 COMP. 360, HALF HARD	GOLD PLATE PER MIL-G-45204
DIELECTRIC & REAR DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CONTACT EXT.	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
CENTER CONTACT	BRASS PER QQ-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204

  

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY <i>M.M.</i> DATE 8-28-91	 <b>AMP Incorporated</b> 140 Fourth Avenue Waltham, MA 02451-7599								
FRAC. DEC. ANGLES	CHECKED BY <i>MC</i> 9-3-91									
± 1/64 ±.005 ± °	APPD BY <i>QRL</i> 9-6-91									
These drawings and specifications are the property of M/A-COM Incorporated 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.	USE ASS'Y PROCEDURE	TITLE OSN 4 HOLE FLANGE MOUNT CABLE JACK-CLAMP ATTACHMENT								
	408-04754 NO. AP. 30-123	<table border="1"> <tr> <td>SIZE B</td> <td>CODE IDENT NO. 26805</td> <td>3006-5024-94</td> <td>REV 02<sub>0</sub></td> </tr> <tr> <td colspan="3">SCALE 3:1</td> <td>SHEET 1 OF 1</td> </tr> </table>	SIZE B	CODE IDENT NO. 26805	3006-5024-94	REV 02 <sub>0</sub>	SCALE 3:1			SHEET 1 OF 1
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