



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
020	REVISED	JD 9/7/95	DCpm 9/7/95

**DESIGN CONTROL
REQUIRED**

DESIGNED FOR USE WITH RD 316/U	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.022
CLAMP NUT	.148

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 313.2	Temperature Rating <u>-65°C To 125°C</u>
Frequency Range (GHz) DC to <u>15</u>	Recommended Mating Torque <u>12-15 IN-LB</u>	Vibration MIL-STD-202, Method 204, Condition B
Volt Rating (VRMS MAX) @ Sea Level <u>500</u>	Mating Characteristics: Insertion (MAX Lbs) <u>2.0</u>	Shock MIL-STD-202, Method 213, Condition B
VSWR <u>1.30 MAX</u>	Withdrawal (MIN Oz) <u>2.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition A, Except High Temp Shall Be 200°C
Insertion Loss (dB MAX) <u>.05 √f GHz</u>	Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>	Moisture Resistance MIL-STD-202, Method 106, Except Vibration Shall Be Omitted
RF Leakage (dB MIN) <u>-(90-fGHz)</u>	Center Contact Captivation Axial (Lbs) <u>15</u>	Corrosion - MIL-STD-1344, Method 1001, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>125</u>	Cable Retention Axial Force (Lbs) <u>25</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1500</u>		
Contact Resistance (Milliohms MAX) Center Contact <u>1.5</u>		
Outer Contact <u>2.0</u>		
Cable to Housing <u>.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1000</u>		
LR.(Megohms MIN) <u>10,000</u>		

COMPONENT	MATERIAL	FINISH
HOUSING CLAMP NUT	BRASS PER QQ-B-626 COMP. 360, HALF HARD	GOLD PLATE PER MIL-G-45204
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
WASHER WEDGE COLLAR	BRASS PER QQ-B-626 COMP. 360, HALF HARD	GOLD PLATE PER MIL-G-45204

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY <i>MD</i> DATE 8-2-91	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	CHECKED BY <i>M</i> DATE 8-15-91	
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.	APPD BY <i>QR</i> DATE 8-15-91	AMP TITLE OST 4 HOLE FLANGE MOUNT CABLE JACK CLAMP ATTACHMENT SIZE B CODE IDENT NO. 26805 3106-5044-94 REV 020 SCALE 3 : 1 SHEET 1 OF 1
	USE ASS'Y PROCEDURE	
	408-04721 NO. AP. (31-137)	

CUSTOMER DRAWING

AMP PART # 1058579-1
SHEET 1 OF 1 REV A