



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 ₀	REVISED	8/7/95	DC
B	PER EC 0U20-0692-00	9/27/01	C-1 9/27/01

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

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	DRAWN BY <i>MMA</i> DATE 8-28-91	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	CHECKED BY <i>MLC</i> 9-3-91	
	APPROVED BY <i>QKS</i> 9-6-91	
USE ASSY PROCEDURE 408-04754 NO. AP. 30-123	TITLE OSN 4 HOLE FLANGE MOUNT CABLE JACK-CLAMP ATTACHMENT	
	SIZE B	CODE IDENT NO. 26805
	SCALE 3:1	3006-5024-94
		REV 02 ₀
		SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1058582-1
SHEET 1 OF 1 REV B