



DESIGNED FOR USE WITH	.085 SR
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.088
CONTACT	.021

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₀	RELEASED	8/21/96	<i>[Signature]</i>

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig 310-2	Temperature Rating -65 TO +165°C
Frequency Range (GHz) DC to 18	Recommended Mating Torque 7-10 IN-LBS	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) Sea Level 335	Mating Characteristics: Insertion (MAX Lbs) 2	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.07 + .008 F(GHz)	Withdrawal (MIN Oz) 1	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +115°C
Insertion Loss (dB MAX) .03 √F(GHz)	Force to Engage and Disengage (In-Lbs MAX) 2	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -90	Center Contact Captivation Axial (Lbs) N/A	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250	Radial (In-Oz) N/A	
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 1,000	Cable Retention Axial Force (Lbs) 30	
Contact Resistance (Milliohms MAX)	Torque (In-Oz) 16	
Center Contact 3.0	Weight (Grams) TBD	
Outer Contact 2.0		
Cable to Housing .05		
RF High Potential Sea Level (VRMS MIN) 5 MHz 670		
IR (Megohms MIN) 5,000		

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY K. LE	DATE 5-19-96	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. ± 1/64 DEC. ± .005 ANGLES ± °	CHECKED BY <i>[Signature]</i>	APPD BY <i>[Signature]</i>	
These drawings and specifications are the property of M/A CDM Interconnect Div. and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.	USE ASSY PROCEDURE	408-04835 (20-549)	TITLE *OSM* STRAIGHT CABLE JACK DIRECT-SOLDER ATTACHMENT
	NO. A.P.	NO. A.P.	SIZE B CODE IDENT NO. 26805 SCALE 8:1 2002-8001-90 REV 01 ₀ SHEET 1 OF 1

CUSTOMER DRAWING AMP PART # 1050923-1 SHEET 1 OF 1 REV A