



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>0</sub>	RELEASED	2/27/97	<i>DCamelio</i>

ELECTRICAL
Nominal Impedance (Ohms) <u>50</u>
Frequency Range (GHz) <u>DC to 4.0</u>
Volt Rating (VRMS MAX)
@ Sea Level <u>335</u>
VSWR <u>1.15:1 MAX</u>
Insertion Loss .1dB MAX x fGHz
Corona, 70,000 Ft (VRMS MIN) <u>250</u>
Dielectric Withstanding Voltage
(VRMS MIN) @ Sea Level <u>1000</u>
Contact Resistance (Milliohms MAX)
Center Contact <u>5.0</u>
Outer Contact <u>1.0</u>
Cable to Housing <u>1.0</u>
RF High Potential @ Sea Level
(VRMS MIN @ 5 MHz) <u>670</u>
I.R.(Megohms MIN) <u>10,000</u>

MECHANICAL
Force to Engage (Lbs MAX)
<u>3.4</u>
& Disengage (Lbs) <u>1.77MIN, 4.5MAX</u>
Center Contact Captivation To Maintain
OSX Interface When Mating

ENVIRONMENTAL
Temperature Rating <u>-65° to +165°C</u>
Vibration MIL-STD-202, Method
204, Condition B
Thermal Shock MIL-STD-202,
Method 102, Condition C
Moisture Resistance MIL-STD-202,
Method 106D, 10 Cycles, 24 Hours
Corrosion - MIL-STD-202, Method
101, Condition b
.XXX = in
XX.X = mm

HOUSING	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT CONTACT FINGERS	BERYLLIUM COPPER PER ASTM B 196 OR ASTM B 197 ALLOY C17300, COND. H	GOLD PLATE PER MIL-G-45204
COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°	DRAWN BY KLE DATE 2-28-97	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	CHECKED BY	
	APPROVED BY <i>DCamelio</i> 2/27/97	
	USE ASS'Y PROCEDURE	
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.	NO. AP. <u>N/A</u>	TITLE OSX PRINTED WIRING BOARD PLUG RECEPTACLE STRAIGHT TERMINAL SIZE B CODE IDENT NO. 26805 5863-0000-09 REV 01 <sub>0</sub> SCALE 15:1 SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1085221-1  
SHEET 1 OF 1 REV A

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[5863-0000-09](#)