



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 <sub>1</sub>	RELEASED	3/7/94	<i>DCornell</i>
03 <sub>0</sub>	REVISED	DM 3/23/99	<i>Tag 3/25/99</i>
04 <sub>0</sub>	REVISED	DM 4/19/99	<i>PCW 5/6/99</i>

ELECTRICAL
Nominal Impedance (Ohms) <u>50 ±1</u>
Frequency Range (GHz) DC to <u>28</u>
Volt Rating (VRMS MAX)
@ Sea Level <u>500</u>
VSWR <u>1.05+.01f(GHz)</u>
Insertion Loss (dB MAX) <u>.04x√f(GHz)</u>
RF Leakage (dB MIN) (Interface Only, Fully Mated) <u>-(90-f(GHz))</u>
Corona, 70,000 Ft (VRMS MIN) <u>250</u>
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>675</u>
Contact Resistance (Milliohms MAX)
Center Contact <u>6.0</u>
Outer Contact <u>3.0</u>
Cable to Housing <u>N/A</u>
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>675</u>
IR.(Megohms MIN) <u>5000</u>

MECHANICAL
Interface Dimensions <u>SEE M/A-COM CATALOG</u>
Mating Characteristics:
Insertion (MAX Lbs) <u>N/A</u>
Withdrawal (MIN Oz) <u>N/A</u>
Force to Engage & Disengage (In-Lbs MAX) <u>3.0</u>
Center Contact Captivation Axial (Lbs) <u>4.0</u>

ENVIRONMENTAL
Temperature Rating <u>-65° to +125°C</u>
Vibration MIL-STD-202, Method 204, Condition D
Shock MIL-STD-202, Method 213, Condition I
Thermal Shock MIL-STD-202, Method 107, Condition B
Moisture Resistance MIL-STD-202, Method 106
Corrosion - MIL-STD-202, Method 101, Condition B

.XXX = in  
XX.X = mm (REF)

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT SLIDING CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
'O' - RING	FLUOROSILICON, 60 (DUR) MIL-R-25988, CLASS 1, TYPE 1	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON

FRAC.	DEC.	ANGLES
± 1/64	±.005	± °

These drawings and specifications are the property of AMP 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.

DRAWN BY *BB* DATE 3/7/94  
 CHECKED BY *DCornell*  
 APP'D BY *DCornell* 3/7/94

USE ASS'Y PROCEDURE  
NO. AP. N/A

AMP Incorporated  
140 Fourth Avenue  
Waltham, MA 02451-7599

TITLE OSSP BULKHEAD FEEDTHROUGH PLUG RECEPTACLE FRONT MOUNT - SLIDING SLOTTED TERMINAL

SIZE	CODE IDENT NO.	REV
B	26805	04 <sub>0</sub>

SCALE 6:1 SHEET 1 OF 1