



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

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

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

ENVIRONMENTAL	
Temperature Rating	-65° to +125°C
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	± °

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USE ASS'Y PROCEDURE

NO. AP. N/A

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

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 ₀

SCALE 6:1 SHEET 1 OF 1