



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	DRAWN BY <i>BB</i>	DATE 3/7/94	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	CHECKED BY <i>DCornell</i>	
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.	USE ASS'Y PROCEDURE	TITLE OSSP BULKHEAD FEEDTHROUGH PLUG RECEPTACLE FRONT MOUNT - SLIDING SLOTTED TERMINAL	
	NO. AP. N/A		
	SIZE B	CODE IDENT NO. 26805	4757-5033-02
SCALE 6:1	SHEET 1 OF 1		