



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>4</sub>	REVISED	KYLE 7-25-97	8/5/97

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions PER M/A-COM CATALOG	Temperature Rating -65° TO +125°C
Frequency Range (GHz) DC to 28.0	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) Sea Level 250	Insertion (MAX Lbs) 2.0	Shock MIL-STD-202, Method 213, Condition I
VSWR 133:1 @ 28.0 GHz 1.05 + .001f(GHz)	Withdrawal (MIN Oz) 0.5	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) .04 V(f/GHz)	Force to Engage and Disengage (In-Lbs MAX) 0.4	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -[60-f(GHz)]	Center Contact Captivation Axial (Lbs) 4.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Carona, 70,000 Ft (VRMS MIN) 250		
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 625		
Contact Resistance (Milliohms MAX)		
Center Contact 6.0		
Outer Contact 3.0		
RF High Potential Sea Level (VRMS MIN @ 5 MHz) 675		
IR (Megohms MIN) 5,000		

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	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
O-RING	FLUOROSILICONE 60 (DUROMETER) PER MIL-P-25988, CLASS 1, TYPE 1	N/A

  

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY PCV 9-15-86	DATE	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRACTIONAL ± 1/64	CHECKED BY HH/M 10-1-86		
DECIMAL ± .005	APPROVED BY PCV 10-20-86		
ANGLES ± °	USE ASSY PROCEDURE		TITLE 'OSSP' PANEL FEEDTHRU PLUG RECEPTACLE- STRAIGHT TERMINAL
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SIZE B	CODE IDENT NO. 26805	4757-5006-02	REV 01 <sub>4</sub>
SCALE 10:1	SHEET 1 OF 1		

CUSTOMER DRAWING

AMP PART # 1059903-1  
SHEET 1 OF 1 REV B  
PER EC # 0U20-0261-01