



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₁	REACTIVATED	DM 3/5/99	 3/8/99

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 310.1	Temperature Rating <u>-65°C To +105°C</u>
Frequency Range (GHz) DC to <u>18.0</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Torque <u>7-10 In-Lbs</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.05+0.005f</u> (GHz)	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition A.
Insertion Loss (dB MAX) <u>.03 √f</u> (GHz)	Insertion (MAX Lbs) <u>N/A</u>	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
RF Leakage (dB MIN) <u>[-60-f(GHz)]</u>	Withdrawal (MIN Oz) <u>N/A</u>	Shall Be Omitted
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) <u>6.0</u>	
Center Contact <u>2.0</u>	Radial (In/Oz) <u>4.0</u>	
Outer Contact <u>2.0</u>	Cable Retention	
Cable to Housing <u>N/A</u>	Axial Force (Lbs) <u>N/A</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>	Torque (In/Oz) <u>N/A</u>	
I.R.(Megohms MIN) <u>5,000</u>	Weight (Grams) <u>4.5</u>	

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	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
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY	DATE	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	FRAC. DEC. ANGLES	CHECKED BY	
± 1/64 ±.005 ± °	DATE	DATE	
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.	APPD BY	DATE	TITLE OSM STRAIGHT PANEL PLUG RECEPTACLE SLOTTED CONTACT SIZE B CODE IDENT NO. 26805 2051-1614-02 REV 01 ₁ SCALE 4:1 SHEET 1 OF 1
	USE ASS'Y PROCEDURE	DATE	
NO. AP.	N/A		