



ELECTRICAL	MECHANICAL	ENVIRONMENTAL	HOUSING	DIELECTRIC	CENTER CONTACT	COMPONENT	MATERIAL	FINISH
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. OSM 310-2, OST 313-2	Temperature Rating -65 TO +165°C	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	TFE FLUOROCARBON PER ASTM-D-1457	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	AMP Incorporated	PASSIVATE PER QQ-P-35
Frequency Range (GHz) DC to 15.0	Recommended Mating Torque 7-10(OSM), 4-6(OST) IN-LBS	Vibration MIL-STD-202, Method 204, Condition D				FRAC. DEC. ANGLES	140 Fourth Avenue	N/A
Volt Rating (VRMS MAX) @ Sea Level 335	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I				± 1/64 ±.005 ± 1°	Waltham, MA 02451-7599	
VSWR 1.05 + .008f(GHz)@5-12.4 GHz	Insertion (MAX Lbs) 3.0(OSM), 2.0(OST)	Thermal Shock MIL-STD-202, Method 107, Condition C,				These drawings and specifications are the property of M/A COM Interconnect Div. 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.		GOLD PLATE PER MIL-G-45204
1.09 +.009f(GHz)@12.4-15.0 GHz	Withdrawal (MIN Oz) 1.0(OSM), 2.0(OST)	Moisture Resistance MIL-STD-202, Method 106				USE ASSY PROCEDURE		
Insertion Loss (dB MAX) .18 @ 9 GHz	Force to Engage and Disengage (In-Lbs MAX) 2.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray				NO. A.P. N/A		
RF Leakage (dB MIN) -65 dB @2-3 GHz	Center Contact Captivation							
Corona, 70,000 Ft (VRMS MIN) 250	Axial (Lbs) 6.0							
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1,000	Radial (In-Oz) N/A							
Contact Resistance (Milliohms MAX)	Cable Retention							
Center Contact 4.1	Axial Force (Lbs) N/A							
Outer Contact 2.2	Torque (In-Oz) N/A							
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1,000	Weight (Grams) TBD							
I.R.(Megohms MIN) 5,000								

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

SIZE	CODE IDENT NO.	3180-4034-02	REV
B	26805		02 <sub>2</sub>
SCALE	4:1	SHEET 1 OF 1	

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