



NOTES:
 1. PICTORIAL VIEW IS AFTER CRIMPING
 2. MIN STRAIGHT CABLE LENGTH: .292
 3. IT IS SUGGESTED TO BEND CABLE PRIOR TO CRIMPING

ELECTRICAL	MECHANICAL	ENVIRONMENTAL	COMPONENT	MATERIAL	FINISH
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348	Temperature Rating -65° to +105°C	HOUSING BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
Frequency Range (GHz) DC to 18	Center Contact Copivation	Vibration MIL-STD-202, Method 204, Condition D	DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
Volt Rating (VRMS MAX) 5 See Level 375	Axial (Lbs) 6	Shock MIL-STD-202, Method 213, Condition I	CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
VSWR 1.15 @ .023(HGHz)	Radiat (In/Oz) NONE	Thermal Shock MIL-STD-202, Method 107, Condition C Except High Temp 115°			
Insertion Loss (dB MAX) .03 * sqrt(F/GHz)	Cable Retention	Moisture Resistance MIL-STD-202, Method 106			
RF Leakage (dB MIN) Interface Only, Fully Mated (-190-HGHz)	Axial Force (Lbs) 30	Corrosion - MIL-STD-202, Method 101, Condition B			
Corona, 70,000 Ft (VRMS MIN) 225	Torque (In/Oz) 16				
Dielectric Withstanding Voltage (VRMS MIN) 5 See Level 1000	Weight (Grams) 2.1				
Contact Resistance (Milliohms MAX)	Mating Characteristics				
Center Contact 3.0	Insertion (Max Lbs) 3				
Outer Contact 2.0	Withdrawal (In Oz) 1				
Cable to Housing 0.5	Connector Engagement and Disengagement (In/Lbs Max) 2				
RF High Potential 5 See Level (VRMS MIN @ 5 MHz) 670					
IR (Megohms MIN) 5000					

These drawings and specifications are the property of M/A-COM Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

USE ASSY PROCEDURE NO. 20-577

SCALE 6:1

SHEET 1 OF 1

Typo Customer P/N 105109M
 Page 1 of 1
 Rev 0