

NOTES: UNLESS OTHERWISE SPECIFIED.

1. MATERIAL & FINISH: (127-0593-011)

- 1.1 BODY & SOLDER SLEEVE: GOLD PLATED STAINLESS STEEL
- 1.2 CLAMP NUT: PASSIVATED STAINLESS STEEL
- 1.3 CONTACT: GOLD PLATED BERYLLIUM COPPER
- 1.4 INSULATOR: PTFE (TEFLON)

2. ELECTRICAL SPECIFICATIONS:

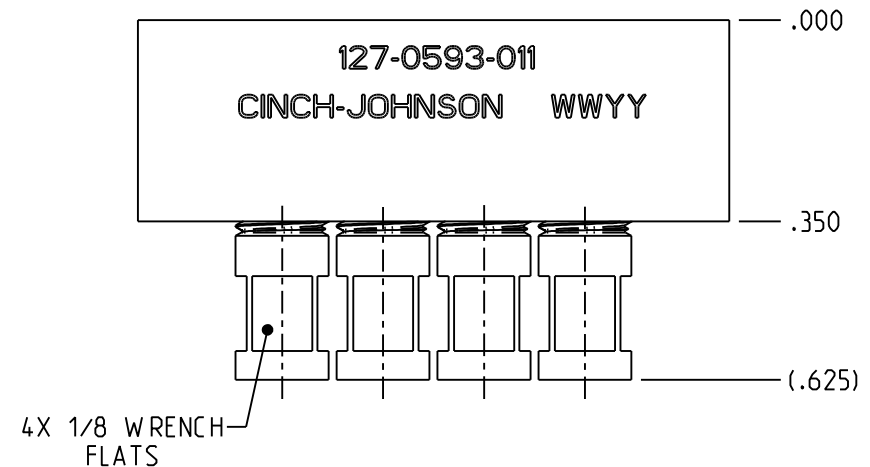
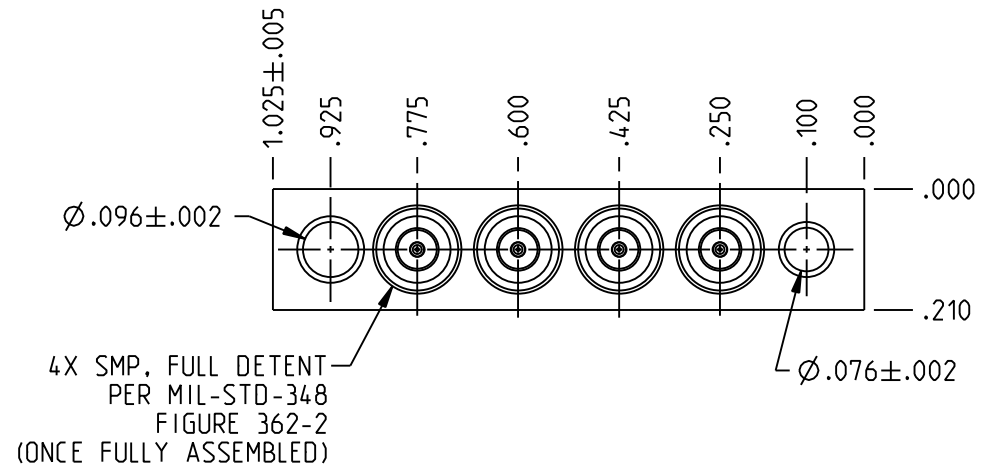
- 2.1 IMPEDANCE: 50 OHMS
- 2.2 FREQUENCY RANGE: DC - 40 GHz
- 2.3 VSWR:
 - 2.3.1 0-18 GHz = 1.25 MAX
 - 2.3.2 18-26.5 GHz = 1.35 MAX
 - 2.3.3 26.5-40 GHz = 1.50 MAX
- 2.4 WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
- 2.5 DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS MIN AT SEA LEVEL
- 2.6 INSULATION RESISTANCE: 5000 MEGOHM MIN
- 2.7 CONTACT RESISTANCE:
 - 2.7.1 CENTER CONTACT: 6.0 MILLIOHM MAX
 - 2.7.2 OUTER CONDUCTOR: 2.0 MILLIOHM MAX
 - 2.7.3 CABLE SHIELD TO CONNECTOR BODY: 0.5 MILLIOHM MAX
- 2.8 CORONA LEVEL: 190 VOLTS MIN AT 70,000 FEET
- 2.9 RF LEAKAGE: -80 dB TYPICAL, TESTED AT 2.5 GHz
- 2.10 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 325 VRMS MIN AT 4 & 7 MHz

3. MECHANICAL SPECIFICATIONS:

- 3.1 ENGAGEMENT FORCE: 15 LBS MAX PER POSITION
- 3.2 DISENGAGEMENT FORCE: 5 LBS MIN PER POSITION
- 3.3 CABLE ACCEPTABILITY: MIL-C-17/133, RG 405
- 3.4 CABLE RETENTION: 30 LBS MIN AXIAL, 16 IN-OZ MIN TORQUE
- 3.5 DURABILITY: 100 CYCLES MIN

4. ENVIRONMENTAL: (MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF DSCC DWG NO. 94007)

- 4.1 OPERATING TEMPERATURE: -65°C TO 165°C
- 4.2 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B, EXCEPT 125°C HIGH TEMP
- 4.3 MECHANICAL SHOCK: MIL-STD-202, METHOD 213, CONDITION I
- 4.4 CORROSION: MIL-STD-202, METHOD 101, CONDITION B
- 4.5 VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
- 4.6 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106, EXCEPT STEP 7B OMITTED



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		Size A DO NOT SCALE DRAWING	Date: 3/28/2018	Sheet 1 OF 1