

SPECIFICATION CONTROL DRAWING

3. MECHANICAL

CAPTIVATION-CENTER CONTACT

- MIN. AXIAL FORCE _____ 4.5 LBS.
- MIN. RADIAL TORQUE _____ N/A

CENTER CONTACT AXIAL FORCES

- INSERTION (MAX. OUNCES) _____ INTERFACE 48.0
- WITHDRAWAL (MIN. OUNCES) _____ INTERFACE 2.0

CONNECTOR DURABILITY (MIN. CYCLES) _____ 500

RECOMMENDED MATING TORQUE _____ 7-10 IN-LB (FEMALE SMA)

4. ENVIRONMENTAL

TEMPERATURE CYCLING _____ MIL-STD-202, METHOD 102, COND. C (-65° c TO + 165° c)

SHOCK _____ MIL-STD-202, METHOD 213, COND. I (100 G's)

VIBRATION _____ MIL-STD-202, METHOD 204, COND. D (20 G's)

MOISTURE RESISTANCE _____ MIL-STD-202, METHOD 106, LESS STEP 7b

CORROSION _____ MIL-STD-202, METHOD 101, COND. B (48 HOURS)

BAROMETRIC PRESSURE (ALTITUDE) _____ MIL-STD-202, METHOD 105, COND. C (70,000 FT.) (190 VRMS)

5. MATERIAL

BODY, FLANGE, COIL SPRING, COMPRESSION SPRING _____ STAINLESS STEEL PER ASTM-A-581, TYPE 303, COND. A AND WASHER.

CONTACT _____ BERYLLIUM COPPER PER ASTM-B-196/B, 196M-03, COPPER ALLOY UNS-C-17300, TEMPER TD04

INSULATOR _____ TEFLON PER ASTM-D-710-02, TYPE 1, GRADE 1, CLASS B.

BMA CONTACT HOOD _____ BRASS PER QQ-B-626, HARD, ALLOY 360

6. FINISH

BODY, FLANGE, COIL SPRING & COMPRESSION SPRING _____ PASSIVATE PER AMS 2700, TYPE 2, CLASAS 4. AND WASHER.

CENTER CONTACT ASSEMBLY _____ GOLD PER ASTM-B-488, TYPE I, CODE C, CLASS 1.25 (.000050 MIN. THK.) OVER NICKEL PER SAE AMS QQ-N-290, CLASS 1 (.000050 MIN. THK.) OVER COPPER PER AMS 2418 (.000010 MIN. THK.)

INSULATOR _____ N/A