



# SPECIFICATION CONTROL DRAWING

## 3. MECHANICAL

### CAPTIVATION-CENTER CONTACT

- MIN. AXIAL FORCE (BOTH) \_\_\_\_\_ 6.0 LBS.
- MIN. RADIAL TORQUE \_\_\_\_\_ N/A

### DYNAMATE ENGAGEMENT FORCES

- INSERTION (MAX. OUNCES) \_\_\_\_\_ 48.0
- WITHDRAWAL (MIN. OUNCES) \_\_\_\_\_ 4.0

SMA AND DYNAMATE DURABILITY (MIN. MATING) \_\_\_\_\_ 1,000

SMA ENGAGEMENT FORCES (TORQUE) \_\_\_\_\_ 7 - 10 INCH LBS.

## 4. ENVIRONMENTAL

TEMPERATURE CYCLE \_\_\_\_\_ MIL-STD-202, METHOD 102, COND. C ( -65 ° c TO + 200 ° 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

CONNECTOR BODY AND COIL SPRINGS \_\_\_\_\_ STAINLESS STEEL PER AMS-5640, TYPE 303, COND. A

CENTER CONTACT \_\_\_\_\_ BERYLLIUM COPPER PER QQ-C-530, ALLOY 173 COND. HT

INSULATOR \_\_\_\_\_ PTFE PER D-1457

CENTER CONTACT HOOD \_\_\_\_\_ BRASS PER QQ-B-626, 1/2 HARD, ALLOY 360

## 6. FINISH

CONNECTOR BODY AND COIL SPRINGS \_\_\_\_\_ PASSIVATE PER QQ-P-35A, TYPE I

CENTER CONTACT ASSEMBLY \_\_\_\_\_ GOLD PER MIL-G-45204, TYPE II, GRADE C, CLASS 2, (.000100 MINIMUM THICKNESS) OVER NICKEL PER QQ-N-290, CLASS 1 (.000100 MINIMUM THICKNESS) OVER COPPER PER MIL-C-14550 (.000010 MINIMUM THICKNESS).

INSULATOR \_\_\_\_\_ N/A

**dynawave**  
INCORPORATED

SHEET 2 of 2

DWG.  
NO.

1110-2999-6288

REV.

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