

SPECIFICATION CONTROL DRAWING

3. MECHANICAL

CAPTIVATION-CENTER CONTACT

- MIN. AXIAL FORCE _____ 6.0 LBS.
- MIN. RADIAL TORQUE _____ N/A

ENGAGEMENT FORCES

- INSERTION (MAX. OUNCES) _____ 32.0 (SMA JACK)
- WITHDRAWAL (MIN. OUNCES) _____ 2.0 (SMA JACK)
- DURABILITY (MIN. MATING) _____ 1,000
- RECOMMENDED MATING TORQUE _____ 7-10 IN./LBS. (SMA JACK)

4. ENVIRONMENTAL

- TEMPERATURE CYCLING _____ 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.) (300 VRMS)

5. MATERIAL

- CONNECTOR BODY _____ STAINLESS STEEL PER ASTM-A-479/A 479/M, TYPE 316L
- CENTER CONTACT _____ BERYLLIUM COPPER PER QQ-C-530, ALLOY 173 COND. HT
- INSULATOR _____ TEFLON PER ASTM-D-1710.
- O'RING _____ NITRILE (BUNA-N)

6. FINISH

- CONNECTOR BODY _____ PASSIVATE PER AMS QQ-P-35, TYPE 2.
- CENTER CONTACT _____ GOLD PER ASTM-B-488, TYPE I, CODE C, CLASS 2.50
(.000100 MIN. THK.) OVER NICKEL PER QQ-N-290,
(.000050 MIN. THK.) OVER COPPER PER MIL-C-14550
(.000010 MIN. THK.).
- INSULATOR AND O'RING _____ N/A