

SPECIFICATION CONTROL DRAWING

3. MECHANICAL

CAPTIVATION-CENTER CONTACT
MAX. AXIAL FORCE _____ 6.0 LBS.
MAX. RADIAL TORQUE _____ 4.0 INCH OZ.
CENTER CONTACT AXIAL FORCES
● INSERTION (MAX. OUNCES) _____ REAR 32.0
● WITHDRAWAL (MIN. OUNCES) _____ REAR 1.0
CONNECTOR ENGAGEMENT/DISENGAGEMENT(MAX. IN LBS.) _____ 2.0
CONNECTOR DURABILITY (MIN. CYCLES) _____ 500
RRECOMMENDED MATING TORQUE _____ 7 - 10 IN. LBS.

4. ENVIRONMENTAL

TEMPERATURE CYCLING _____ MIL-STD-202, METHOD 102, COND. C (-25° c TO +100° 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 & COUPLING NUT _____ STAINLESS STEEL PER AMS-5640, TYPE 303, COND. A
CONTACT & RETAINING RING _____ BERYLLIUM COPPER PER QQ-C-530, ALLOY 173, COND. H.T.
INSULATOR _____ TEFLON PER ASTM D 4894
GASKET _____ SILICONE RUBBER

6. FINISH

CONNECTOR BODY & C/NUT _____ PASSIVATE PER QQ-P-35A, TYPE I
CONTACT _____ GOLD PER ATSM B 488, TYPE I, CODE C, CLASS 2.5
(.000100 Minimum Thickness) OVER NICKEL per
QQ-N-290 (.000050 Minimum Thickness) OVER
COPPER per MIL-C-14550 (.000010 Minimum Thickness).
INSULATOR, GASKET & RETAINING RING _____ N/A