

SPECIFICATION CONTROL DRAWING

3. MECHANICAL

CAPTIVATION-CENTER CONTACT	
MAX. AXIAL FORCE _____	6.0 LBS.
MAX. RADIAL TORQUE _____	N/A
CENTER CONTACT AXIAL FORCES	
● INSERTION (MAX. OUNCES) _____	N/A
● WITHDRAWAL (MIN. OUNCES) _____	N/A
CONNECTOR ENGAGEMENT/DISENGAGEMENT (MAX. IN. LBS.) _____	2.0
CONNECTOR DURABILITY (MIN. CYCLES) _____	500
RECOMMENDED MATING TORQUE _____	7 - 10 IN. LBS.

4. ENVIRONMENTAL

TEMPERATURE CYCLING _____	MIL-STD-202, METHOD 102, COND. C (-55° c TO + 120° c)
SHOCK _____	MIL-STD-202, METHOD 213, COND. D (100 G's)
VIBRATION _____	MIL-STD-202, METHOD 204, COND. D (20 G's)
MOISTURE RESISTANCE _____	MIL-STD-202, METHOD 106, LOSS 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 & C/NUT _____	STAINLESS STEEL PER AMS-5640, TYPE 303, COND. A
CONTACT & RETAINING RING _____	BERYLLIUM COPPER PER QQ-C-530, ALLOY 173, COND. H.T.
INSULATORS _____	TEFLON
GASKET _____	SILICONE

6. FINISH

C/NUT & BODY _____	PASSIVATE PER QQ-P-35A, TYPE I
CONTACT _____	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).
INSULATORS & GASKET _____	N/A