

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) _____	INTERFACE AND REAR 32.0
● WITHDRAWAL (MIN. OUNCES) _____	INTERFACE 2.0, 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 (-65 °c TO + 125 °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 & SLEEVE _____	STAINLESS STEEL PER AMS-5611, TYPE 303, COND. A
CONTACTS _____	BERYLLIUM COPPER PER QQ-C-500, ALLOY 173, COND. H.T.
FILLER INSULATOR _____	TEFLON PER ASTM-D-1710-02, TYPE 1, GRADE 1, CLASS B.
INSULATOR BEAD _____	PLASTIC COMPOSITE

6. FINISH

CONNECTOR BODY & C/NUT _____	PASSIVATE PER AMS QQ-P-35, TYPE 2
CONTACTS & SLEEVE _____	GOLD per ASTM-B-488, TYPE I, CODE C, CLASS 2.5 (.000100 Min. Thk.) OVER NICKEL per QQ-N-290 (.000050 Min. Thk.) OVER COPPER per MIL-C-14550 (.000010 Min. Thk.).
INSULATORS _____	N/A