

SPECIFICATION CONTROL DRAWING

3. MECHANICAL

CAPTIVATION-CENTER CONTACT	
MAX. AXIAL FORCE _____	4.5 LBS.
MAX. RADIAL TORQUE _____	N/A
CENTER CONTACT AXIAL FORCES	
● INSERTION (MAX. OUNCES) _____	INTERFACE 48.0
● WITHDRAWAL (MIN. OUNCES) _____	INTERFACE 2.0
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 +165° 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

BODY, PRESS SLEEVE & HEX NUT _____	STAINLESS STEEL PER ASTM-A-582, TYPE 303, COND. A
CONTACTS _____	BERYLLIUM COPPER PER ASTM-B-196/B, 196M-03, COPPER ALLOY No. UNS-C1300, TEMPER TD04.
LOCKWASHER _____	410 SERIES STAINLESS STEEL
INSULATOR _____	PLASTIC COMPOSITE

6. FINISH

BODY, LOCKWASHER & HEX NUT _____	PASSIVATE PER AMS-2700, TYPE 2, CLASS 4.
CONTACTS _____	GOLD PER ASTM B 488, TYPE I, CODE C, CLASS 0.75 (.000030-.000055 THK.) OVER NICKEL PER SAE-AMS-QQ-N-290, CLASS 1 (.000050-.000075 THK.) OVER COPPER PER AMS-2418, (.000010 MIN. THK.).
PRESS SLEEVE _____	GOLD PER ASTM-B-488, TYPE I, CODE C, CLASS 1.27 (.000050 MIN. THK.) OVER NICKEL PER SAE-AMS-QQ-N-290 CLASS 1 (.000150 MIN. THK.) OVER NICKEL (WOODS OR WATTS) (.000010 MIN. THK.)
INSULATOR _____	N/A

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