MATERIALS & SPECIFICATIONS

INSULATOR:
POLYPHENYLENE SULFIDE (PPS) PER MIL-M-24519, TYPE GST 40F.

CONTACT:
BERYLLIUM COPPER PER ASTM B194, C17200, GOLD PLATED PER ASTM B488. (HARD GOLD) TYPE II CODE C CLASS 1.27.

TERMINATION:
SOLDER COATED WITH SN63A PER J-STD-006 OR AMS-P-81728.

LATCH BOX:
BERYLLIUM COPPER PER ASTM B194 NICKEL PLATE PER SAE-AMS-2404.

CURRENT CAPACITY:
3 AMP MAX.

CONTACT RESISTANCE:
26 MILLIOHMS (65mV) MAX @ 2.5 AMPS.

PERFORMANCE:
PRODUCT FAMILY TESTED TO AND PASSED THE PERFORMANCE SPECIFICATIONS OF TABLE VII OF MIL-DTL-83513.

NOTE:
DIMENSIONS IN [ ] ARE IN MILLIMETERS UNLESS OTHERWISE NOTED AND ARE FOR REFERENCE ONLY.

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THIRD ANGLE

- TOLERANCES:
  UNLESS OTHERWISE NOTED
  DIMENSIONS IN INCHES

2 PL DEC: .01
3 PL DEC: .005
4 PL DEC: .0005
ANGLES ± 1°

DTM. DEL: 09-26-02
TITLE: (6) PIN MALE CONNECTOR W/LATCH

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OMNETICS
CONNECTOR CORPORATION
7260 COMMERCE CIRCLE EAST
MINNEAPOLIS, MN 55432
WWW.OMNETICS.COM

CAGE CODE: 61873
DWG NO: A24001-006
SHEET 1 OF 1
REV: E
SCALE: 4:1

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PART NO: A24001-006
REV: E
ECO: 102048
DATE: 11-03-15
APP: TLM

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ACTUAL SIZE

SOLDER COATED

CONNECTOR FACE

SUGGESTED PAD LAYOUT