MATERIALS & SPECIFICATIONS

HOUSING:
ALUMINUM 6061-T6, NICKEL PLATE PER SAE-AMS-2404.

INSULATOR:
THERMOPLASTIC PER MIL-DTL-32139

CONTACT:
COPPER ALLOY PER MIL-DTL-32139, GOLD PLATED PER ASTM B488, (HARD GOLD) TYPE II
CODE C CLASS 1.27.

WIRE:
NEMA HP3 TYPE ET, COLOR CODED IAW MIL-STD-681, SYSTEM 1, USING TEN SOLID REPEATING COLORS.

HARDWARE:
303 STAINLESS STEEL PER ASTM 582.

CURRENT RATING:
1 AMP MAX PER MIL-DTL-32139.

CONTACT RESISTANCE:
71 MILLIOHM MAX (71mV DROP MAX) @ 1.0 AMPS PER MIL-DTL-32139.

PERFORMANCE:
PRODUCT FAMILY TESTED TO AND PASSED THE PERFORMANCE SPECIFICATIONS OF TABLE VIII OF MIL-DTL-32139.

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

PART NO. A55000-109
REV C
ECO 100382
DATE 03-20-14
APP TLM

OMNETICS CONNECTOR CORPORATION
7260 COMMERCIAL CIRCLE EAST
MINNEAPOLIS, MN 55432
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DIMENSIONS IN INCHES

SCALE: 3:1

CAGE CODE 61873

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