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 PLATE 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

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

JOE

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

CAGE CODE 61873
DWG NO. A55000-051
SHEET 1 OF 1 REV G
SCALE: 3:1

PART NO. A55000-051
REV ECO DATE APP
G 100683 06-28-14 TLM

ACTUAL SIZE
EXCLUDING
WIRE LENGTH

SOCKET # COLOR
1, 11, 21, 31, 41, 51 BLACK
2, 12, 22, 32, 42 BROWN
3, 13, 23, 33, 43 RED
4, 14, 24, 34, 44 ORANGE
5, 15, 25, 35, 45 YELLOW
6, 16, 26, 36, 46 GREEN
7, 17, 27, 37, 47 BLUE
8, 18, 28, 38, 48 VIOLET
9, 19, 29, 39, 49 GRAY
10, 20, 30, 40, 50 WHITE

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

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.