MATERIALS & SPECIFICATIONS

HOUSING:
ALUMINUM 6061-T6, NICKEL PLATE
PER AMS-C-26074

INSULATOR:
LIQUID CRYSTAL POLYMER (LCP) PER
ASTM D5138

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

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

PART NO. A29000–151
REV ECO DATE APP
G 96258 10–19–09 TLM

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

INTERNAL USE ONLY

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

DFTM. AAS 05–10–04
CHK'D.
APP'D.

TOLERANCES
(UNLESS OTHERWISE NOTED)

DIMENSIONS IN INCHES

SCALE: 3:1

ACTUAL SIZE
EXCLUDING WIRE LENGTH

SECTION A–A
VIEW LESS HARDWARE