MATERIALS & SPECIFICATIONS

HOUSING:
ALUMINUM 60601–T6, NICKEL PLATED 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

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.

SOCKET # COLOR
1, 11, 21, 31, 41, 51, 61 BLACK
2, 12, 22, 32, 42, 52, 62 BROWN
3, 13, 23, 33, 43, 53, 63 RED
4, 14, 24, 34, 44, 54, 64 ORANGE
5, 15, 25, 35, 45, 55, 65 YELLOW
6, 16, 26, 36, 46, 56, 66 GREEN
7, 17, 27, 37, 47, 57, 67 BLUE
8, 18, 28, 38, 48, 58, 68 VIOLET
9, 19, 29, 39, 49, 59, 69 GRAY
10, 20, 30, 40, 50, 60, 70 WHITE

PART NO. REV ECO DATE APP
A29000–065 G 96257 10–19–09 TLM

SECTION A–A
ACTUAL SIZE EXCLUDING WIRE LENGTH

DIMENSIONS IN INCHES

WIRE:
30 AWG (7–38) PTFE, COLOR CODED

CONTACT RESISTANCE:
71 MILLIOHM MAX (71mV DROP MAX) @ 1.0 AMPS

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