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

Socket # Color
1, 11, 21, 31 BLACK
2, 12, 22 BROWN
3, 13, 23 RED
4, 14, 24 ORANGE
5, 15, 25 YELLOW
6, 16, 26 GREEN
7, 17, 27 BLUE
8, 18, 28 VIOLET
9, 19, 29 GRAY
10, 20, 30 WHITE

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