MATERIALS & SPECIFICATIONS

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

INSULATOR:
LIQUID CRYSTAL POLYMER (LCP) PER
ASTM D5138

CONTACT:
BERYLLIUM COPPER PER ASTM B194,
C17200, GOLD PLATED PER ASTM
B488, (HARD GOLD) TYPE II CODE C,
CLASS 1.27

WIRE:
NEHA 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

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**PIN #** | **COLOR**
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1 | BLACK
2 | BROWN
3 | RED
4 | ORANGE
5 | YELLOW
6 | GREEN
7 | BLUE
8 | VIOLET
9 | GRAY

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**INTERNAL USE ONLY**
SHEET 2 OF 2 IS A
MFG LOADING DIAGRAM

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**OMNETICS**
CONNECTOR CORPORATION
CAGE CODE 61873

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