MATERIALS & SPECIFICATIONS

INSULATORS
THERMOPLASTIC PER ASTM D5138

CONTACT MATERIAL
PINS - BERYLLIUM COPER PER ASTM B194, ALLOY C17200 SOCKET - COPPER ALLOY PER MIL-DTL-32139

CONTACT FINISH
GOLD PLATE PER ASTM B488, TYPE II (HARD GOLD), CODE C, CLASS 1.27

TERMINATION FINISH
SOLDER COATED WITH Sn63 Per J-STD-006 OR Sn60 Per AMS-P-81728

CURRENT RATING
1 AMP 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.

THIRD ANGLE TOLERANCES - UNLESS OTHERWISE NOTED

STANDARD
2 PL DEC: 0.01
3 PL DEC: 0.005
4 PL DEC: 0.001 ANGLES: 1°

DFTM. NJS: 08-24-09
TITLE: (10) CONTACT POLARIZED MALE/FEMALE NANO CONNECTOR
CHK'D:
APP'D:

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

CAGE CODE 61873
DWG NO. A79619-001
SHEET 1 OF 1 REV E SCALE: 10:1