MATERIALS & SPECIFICATIONS

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

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

TERMINATION:
SOLDER COATED WITH SN63A PER J-STD-006 OR AMS-P-81728

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

303 STAINLESS STEEL PER ASTM 582

SUGGESTED HOLE PATTERN

OMNETICS YYYW

THIRD ANGLE TOLERANCES UNLESS OTHERWISE NOTED
DIMENSIONS IN INCHES

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

DFTM. AAS: 05-05-04 TITLE: (51) PIN MALE Bi-Lobe® CONNECTOR
CHK'D: APP'D: -

PART NO. A28500-051 REV B COE 06-27-11 DATE TLM
H 97733

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

CAGE CODE 61873
DWG NO. A28500-051

SHEET 1 OF 1 REV
SCALE: 3:1 H

OMNETICS

TAIL DIMENSIONS APPLY AT PLANE A