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

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

NOTE:
DIMENSIONS IN [ ] ARE IN MILLIMETERS UNLESS OTHERWISE NOTED AND ARE FOR REFERENCE ONLY

THIRD ANGLE

- TOLERANCES:
  UNLESS OTHERWISE NOTED
  DIMENSIONS IN INCHES

2 PL DEG: 01
3 PL DEG: 005
4 PL DEG: 0005
ANGLES: 1°

DFTM. TLM: 05-01-06
CHK'D.: -
APPD.: -

TITLE: (21) PIN MALE Bi-Lobe® CONNECTOR

PART NO. A28400-021
REV ECO DATE APP
H 101528 04-27-15 BCV

CONNECTOR FACE

CONNECTOR FACE

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

CAGE CODE 61873

DWG NO. A28400-021
SHEET 1 OF 1 REV H

SCALE: 2:1