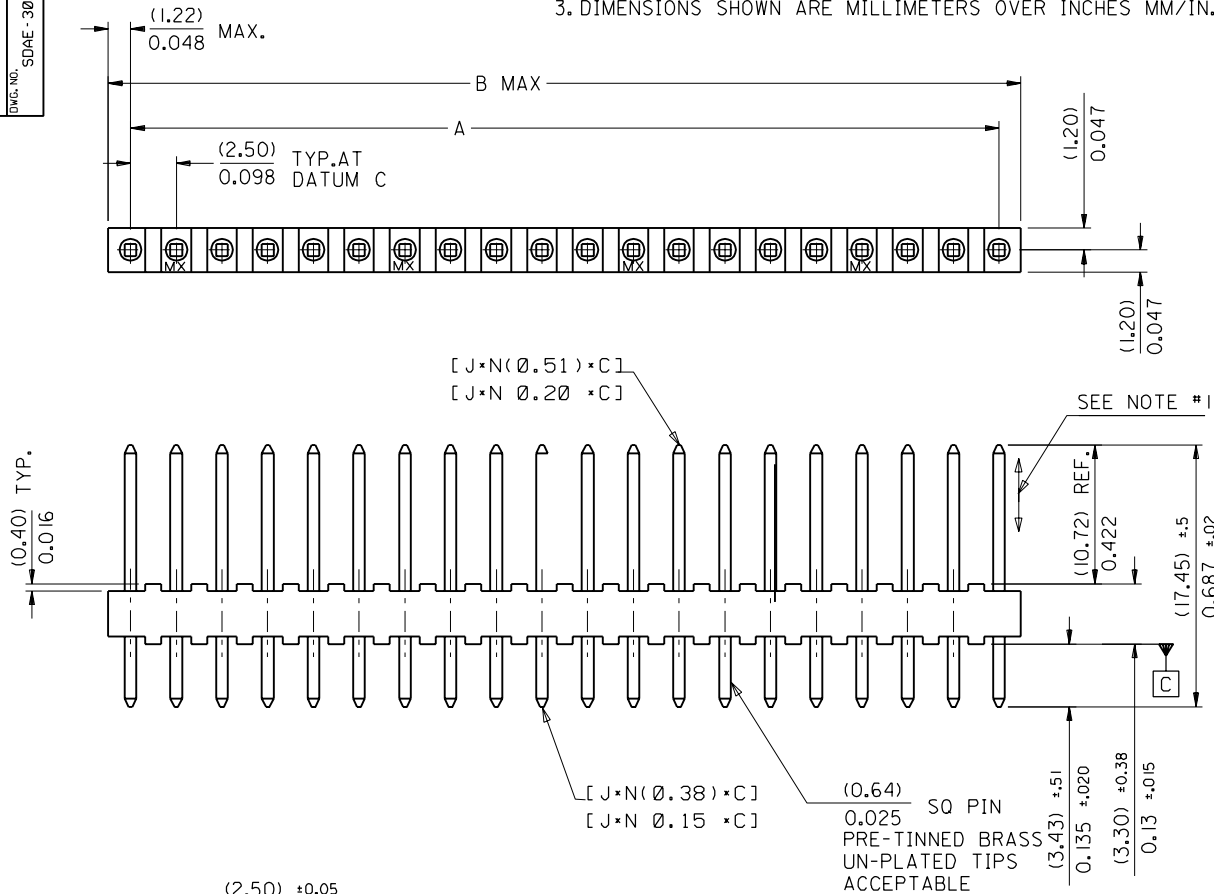
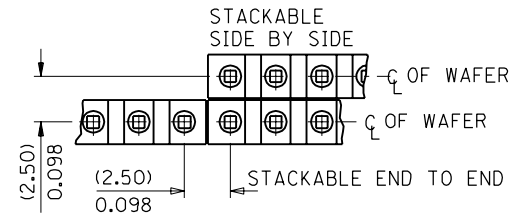


PART NO. 22-03-1\*\*2  
DWG. NO. SDAE-3022-NB

- NOTES :
1. PIN PUSH OUT FORCE: 2 LBS. MIN.
  2. PIN SOLDERABILITY PER MOLEX ENG. STD. No. 53
  3. DIMENSIONS SHOWN ARE MILLIMETERS OVER INCHES MM/IN.



|            |             |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------|-------------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 22-03-1202 | AE-3022-20B | 20 | (47.5) ±0.25<br>1.870 ±0.010<br>(45.0) ±0.23<br>1.772 ±0.009<br>(42.5) ±0.23<br>1.674 ±0.009<br>(40.0) ±0.20<br>1.575 ±0.008<br>(37.5) ±0.20<br>1.477 ±0.008<br>(35.0) ±0.20<br>1.378 ±0.008<br>(32.5) ±0.18<br>1.280 ±0.007<br>(30.0) ±0.18<br>1.181 ±0.007<br>(27.5) ±0.18<br>1.083 ±0.007<br>(25.0) ±0.15<br>0.984 ±0.006<br>(22.5) ±0.15<br>0.886 ±0.006<br>(20.0) ±0.13<br>0.787 ±0.005<br>(17.5) ±0.13<br>0.689 ±0.005<br>(15.0) ±0.13<br>0.591 ±0.005<br>(12.5) ±0.10<br>0.492 ±0.004<br>(10.0) ±0.10<br>0.394 ±0.004<br>(7.5) ±0.10<br>0.295 ±0.004<br>(5.0) ±0.10<br>0.197 ±0.004<br>(2.5) ±0.10<br>0.098 ±0.004 | (49.9) ±0.25<br>1.965 ±0.010<br>(47.4) ±0.23<br>1.866 ±0.009<br>(44.9) ±0.23<br>1.768 ±0.009<br>(42.4) ±0.20<br>1.669 ±0.008<br>(39.9) ±0.20<br>1.571 ±0.008<br>(37.4) ±0.20<br>1.472 ±0.008<br>(34.9) ±0.18<br>1.374 ±0.007<br>(32.4) ±0.18<br>1.276 ±0.007<br>(29.9) ±0.18<br>1.177 ±0.007<br>(27.4) ±0.15<br>1.079 ±0.006<br>(24.9) ±0.15<br>0.980 ±0.006<br>(22.4) ±0.13<br>0.882 ±0.005<br>(19.9) ±0.13<br>0.783 ±0.005<br>(17.4) ±0.13<br>0.685 ±0.005<br>(14.9) ±0.10<br>0.587 ±0.004<br>(12.4) ±0.10<br>0.488 ±0.004<br>(9.9) ±0.10<br>0.390 ±0.004<br>(7.4) ±0.10<br>0.291 ±0.004<br>(4.9) ±0.10<br>0.193 ±0.004 |
|------------|-------------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| PART No.   | ENG. No.    | NO OF CKTS. | DIM. A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DIM. B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------|-------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 22-03-1202 | AE-3022-20B | 20          | (47.5) ±0.25<br>1.870 ±0.010<br>(45.0) ±0.23<br>1.772 ±0.009<br>(42.5) ±0.23<br>1.674 ±0.009<br>(40.0) ±0.20<br>1.575 ±0.008<br>(37.5) ±0.20<br>1.477 ±0.008<br>(35.0) ±0.20<br>1.378 ±0.008<br>(32.5) ±0.18<br>1.280 ±0.007<br>(30.0) ±0.18<br>1.181 ±0.007<br>(27.5) ±0.18<br>1.083 ±0.007<br>(25.0) ±0.15<br>0.984 ±0.006<br>(22.5) ±0.15<br>0.886 ±0.006<br>(20.0) ±0.13<br>0.787 ±0.005<br>(17.5) ±0.13<br>0.689 ±0.005<br>(15.0) ±0.13<br>0.591 ±0.005<br>(12.5) ±0.10<br>0.492 ±0.004<br>(10.0) ±0.10<br>0.394 ±0.004<br>(7.5) ±0.10<br>0.295 ±0.004<br>(5.0) ±0.10<br>0.197 ±0.004<br>(2.5) ±0.10<br>0.098 ±0.004 | (49.9) ±0.25<br>1.965 ±0.010<br>(47.4) ±0.23<br>1.866 ±0.009<br>(44.9) ±0.23<br>1.768 ±0.009<br>(42.4) ±0.20<br>1.669 ±0.008<br>(39.9) ±0.20<br>1.571 ±0.008<br>(37.4) ±0.20<br>1.472 ±0.008<br>(34.9) ±0.18<br>1.374 ±0.007<br>(32.4) ±0.18<br>1.276 ±0.007<br>(29.9) ±0.18<br>1.177 ±0.007<br>(27.4) ±0.15<br>1.079 ±0.006<br>(24.9) ±0.15<br>0.980 ±0.006<br>(22.4) ±0.13<br>0.882 ±0.005<br>(19.9) ±0.13<br>0.783 ±0.005<br>(17.4) ±0.13<br>0.685 ±0.005<br>(14.9) ±0.10<br>0.587 ±0.004<br>(12.4) ±0.10<br>0.488 ±0.004<br>(9.9) ±0.10<br>0.390 ±0.004<br>(7.4) ±0.10<br>0.291 ±0.004<br>(4.9) ±0.10<br>0.193 ±0.004 |
| 22-03-1022 | AE-3022-2B  | 2           | (2.5) ±0.10<br>0.098 ±0.004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (4.9) ±0.10<br>0.193 ±0.004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PART No.   | ENG. No.    | NO OF CKTS. | DIM. A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DIM. B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 22-03-1202 | AE-3022-20B | 20          | (47.5) ±0.25<br>1.870 ±0.010<br>(45.0) ±0.23<br>1.772 ±0.009<br>(42.5) ±0.23<br>1.674 ±0.009<br>(40.0) ±0.20<br>1.575 ±0.008<br>(37.5) ±0.20<br>1.477 ±0.008<br>(35.0) ±0.20<br>1.378 ±0.008<br>(32.5) ±0.18<br>1.280 ±0.007<br>(30.0) ±0.18<br>1.181 ±0.007<br>(27.5) ±0.18<br>1.083 ±0.007<br>(25.0) ±0.15<br>0.984 ±0.006<br>(22.5) ±0.15<br>0.886 ±0.006<br>(20.0) ±0.13<br>0.787 ±0.005<br>(17.5) ±0.13<br>0.689 ±0.005<br>(15.0) ±0.13<br>0.591 ±0.005<br>(12.5) ±0.10<br>0.492 ±0.004<br>(10.0) ±0.10<br>0.394 ±0.004<br>(7.5) ±0.10<br>0.295 ±0.004<br>(5.0) ±0.10<br>0.197 ±0.004<br>(2.5) ±0.10<br>0.098 ±0.004 | (49.9) ±0.25<br>1.965 ±0.010<br>(47.4) ±0.23<br>1.866 ±0.009<br>(44.9) ±0.23<br>1.768 ±0.009<br>(42.4) ±0.20<br>1.669 ±0.008<br>(39.9) ±0.20<br>1.571 ±0.008<br>(37.4) ±0.20<br>1.472 ±0.008<br>(34.9) ±0.18<br>1.374 ±0.007<br>(32.4) ±0.18<br>1.276 ±0.007<br>(29.9) ±0.18<br>1.177 ±0.007<br>(27.4) ±0.15<br>1.079 ±0.006<br>(24.9) ±0.15<br>0.980 ±0.006<br>(22.4) ±0.13<br>0.882 ±0.005<br>(19.9) ±0.13<br>0.783 ±0.005<br>(17.4) ±0.13<br>0.685 ±0.005<br>(14.9) ±0.10<br>0.587 ±0.004<br>(12.4) ±0.10<br>0.488 ±0.004<br>(9.9) ±0.10<br>0.390 ±0.004<br>(7.4) ±0.10<br>0.291 ±0.004<br>(4.9) ±0.10<br>0.193 ±0.004 |

MAT'L: NYLON 6/6, 94V-0

|                                                                                         |                                           |                                                                                                                                                             |                                                                                                                                                                                                              |                                                                                                                                        |
|-----------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| REDRAWN ON CAD<br>EC NO. E80290<br>DRWN: P. MOORE 98/01/29<br>CHK: / / /<br>APPR: / / / | QUALITY SYMBOLS<br>MAJOR<br>CRITICAL<br>C | GENERAL TOLERANCES:<br>(UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ±0. ±.<br>3 PLACES ±0. ±.008<br>2 PLACES ±0.2 ±.016<br>1 PLACE ±0.4 ±.<br>ANGULAR: ± 1/2 ° | SCALE<br>4 : 1<br>DESIGN UNITS<br>X mm X INCH<br>DRAWN BY & DATE<br>P. MOORE 98/01/29<br>CHECKED BY & DATE<br>O. COSTEL 98/04/08<br>APPROVED BY & DATE<br>M. WILHIT 98/04/08<br>CAD FILENAME<br>SD3022NB.DGN | THIRD ANGLE<br>PROJECTION<br>TITLE:<br>WAFER-FLAT KK (2.5)/.098<br>0.025 SQ. PIN<br>MATERIAL NO.<br>DRAWING NO.<br>SHEET NO.<br>1 OF 1 |
|-----------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|

RECOMMENDED P.C. BOARD  
HOLE DIMENSIONS