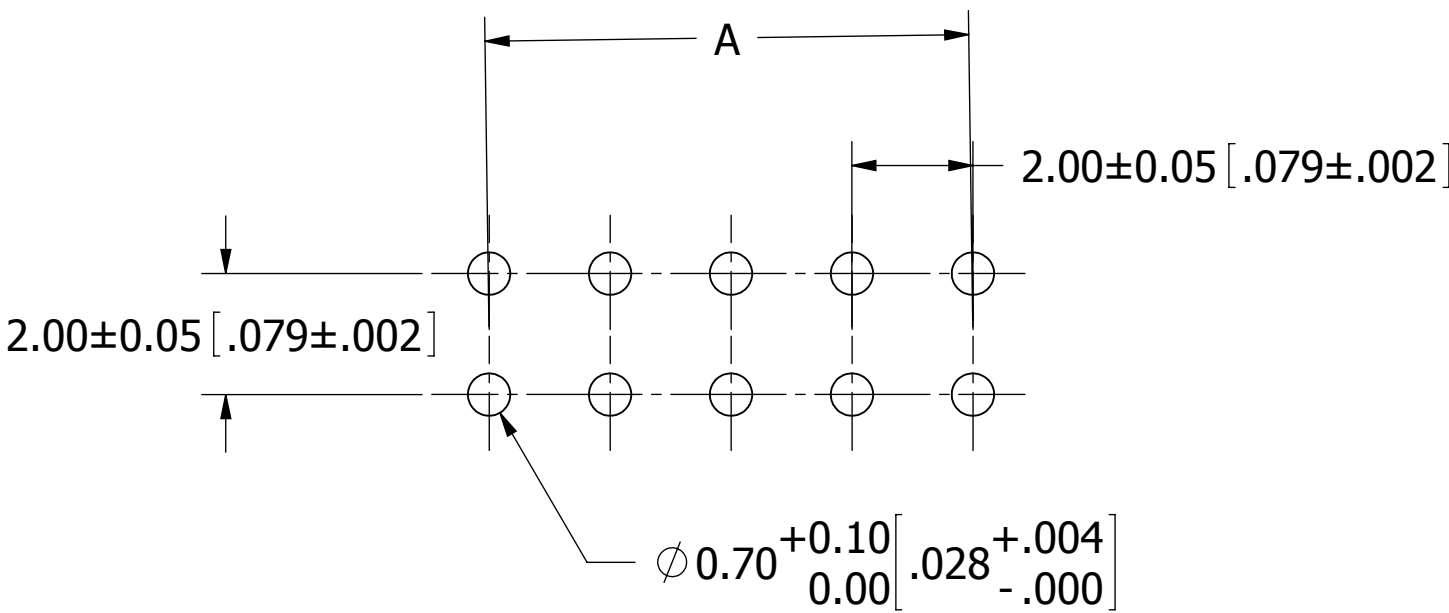
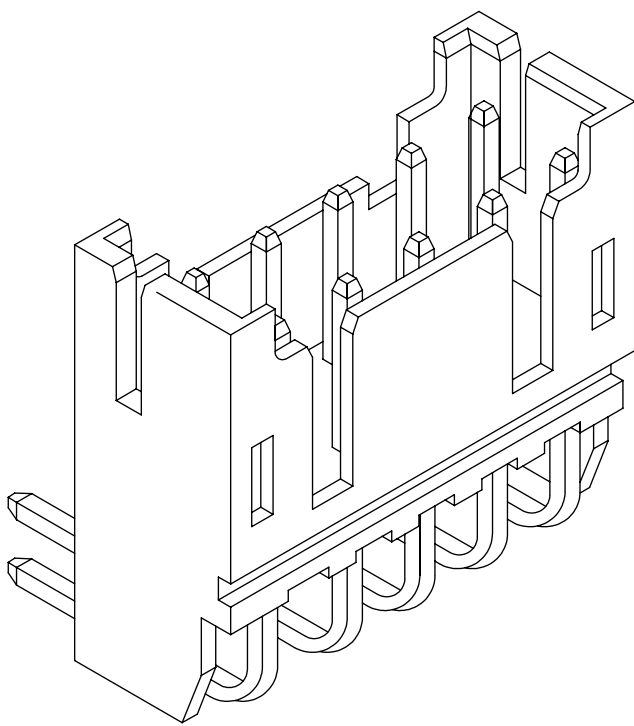
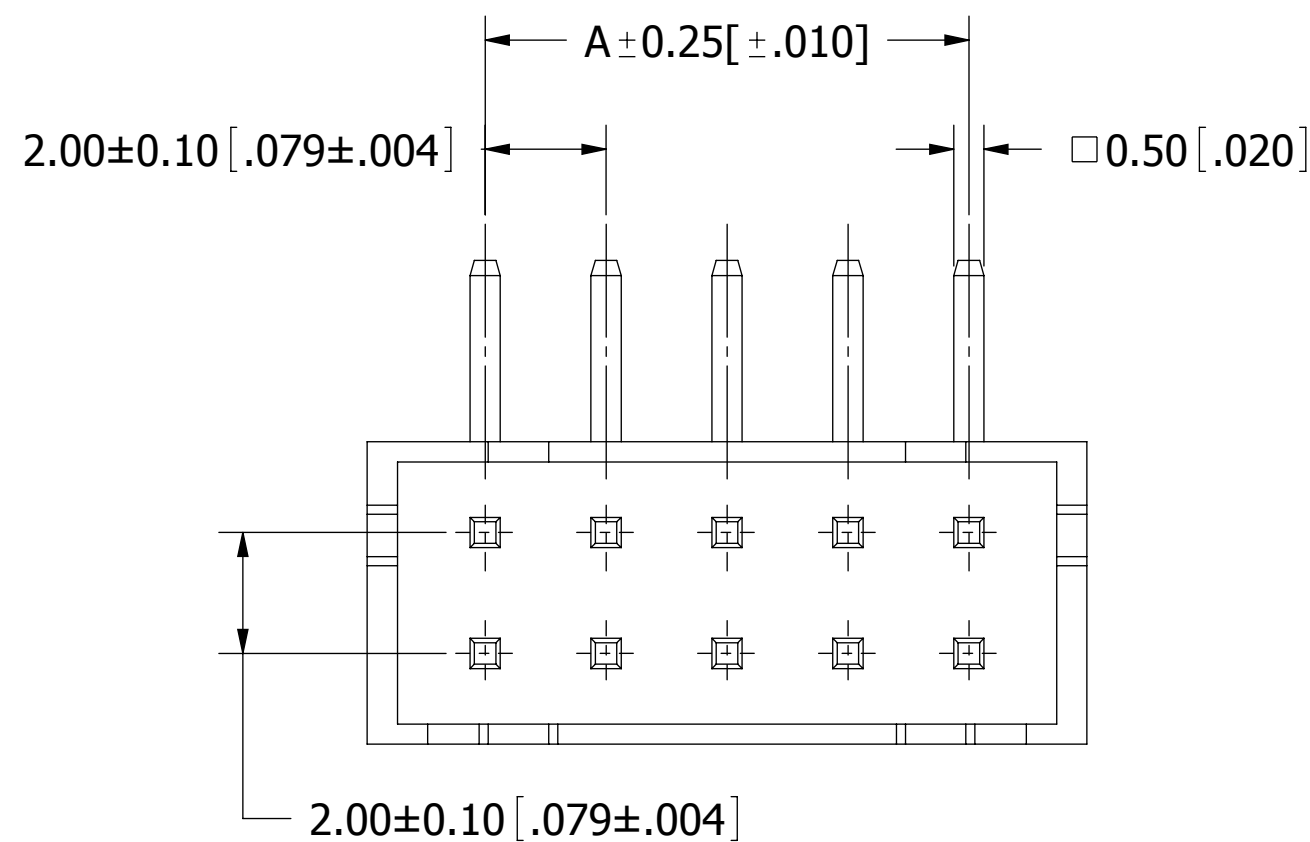
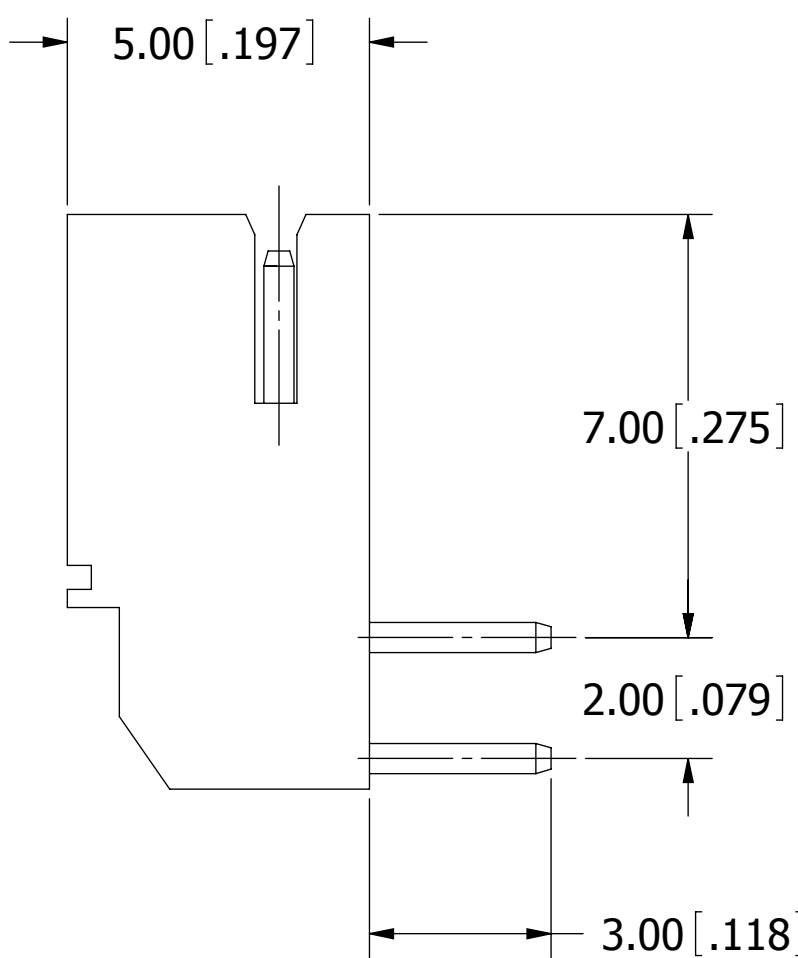
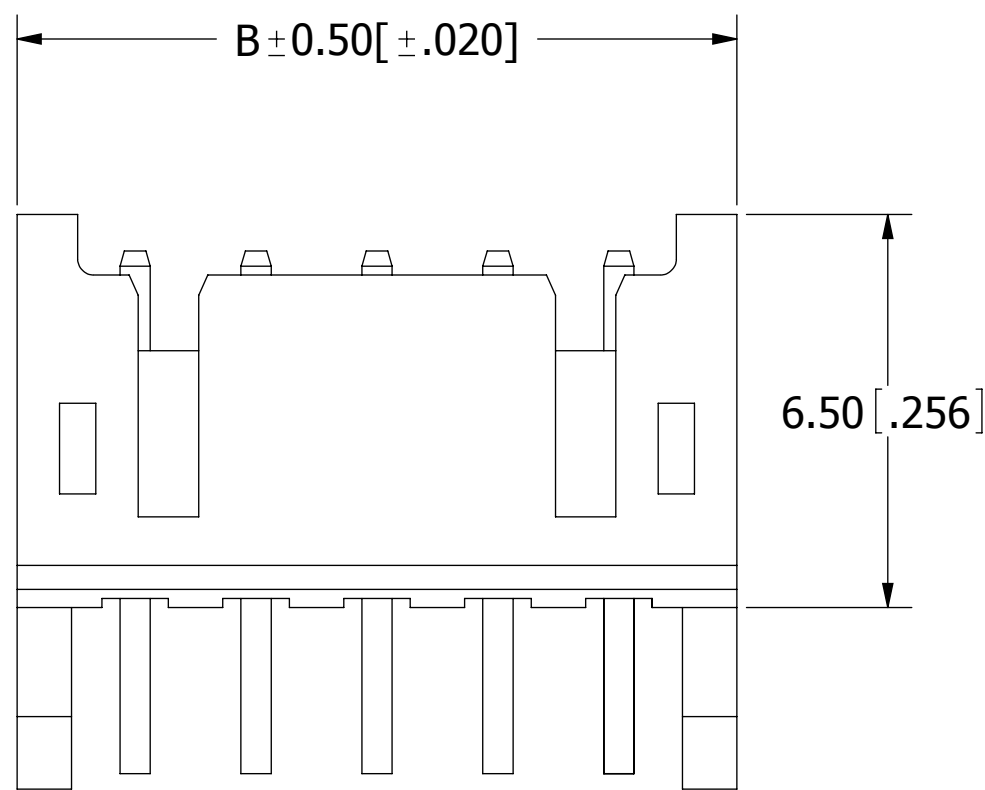


PART NUMBER CODING  
SWR204-NRTN-D\_\_-RA-GA

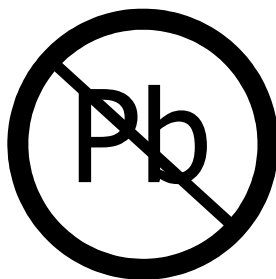
NUMBER OF POSITIONS  
(CONTACTS PER ROW)



RECOMENDED PCB LAYOUT  
P.C BOARD THICKNESS: 1.6mm[.063"]



- NOTES:
1. INSULATOR MATERIAL: NYLON 66, UL94V-0, COLOR: GREY.
  2. CONTACT MATERIAL: BRASS.
  3. CONTACT PLATING: .000020" MIN. NICKEL UNDERPLATE, PURE TIN, BRIGHT OVERALL.
  4. CURRENT RATING: 3 AMPS PER CONTACT.
  5. VOLTAGE RATING: 50V AC/DC.
  6. INSULATOR RESISTANCE: 1000 MEGOHMS MIN.
  7. CONTACT RESISTANCE: 10 MILLIOHMS MAX.
  8. DIELECTRIC WITHSTANDING VOLTAGE: 800V AC.
  9. OPERATING TEMPERATURE: -25° C TO +85° C.
  10. MATES WITH SWH204 SERIES DUAL ROW HOUSING.



RoHS COMPLIANT

| Part Number           | Positions/<br>Contacts | A     |       | B     |       |
|-----------------------|------------------------|-------|-------|-------|-------|
|                       |                        | MM    | INCH  | MM    | INCH  |
| SWR204-NRTN-D02-RA-GA | 02/04                  | 2.00  | 0.079 | 5.90  | 0.232 |
| SWR204-NRTN-D03-RA-GA | 03/06                  | 4.00  | 0.157 | 7.90  | 0.311 |
| SWR204-NRTN-D04-RA-GA | 04/08                  | 6.00  | 0.236 | 9.90  | 0.390 |
| SWR204-NRTN-D05-RA-GA | 05/10                  | 8.00  | 0.315 | 11.90 | 0.469 |
| SWR204-NRTN-D06-RA-GA | 06/12                  | 10.00 | 0.394 | 13.90 | 0.547 |
| SWR204-NRTN-D07-RA-GA | 07/14                  | 12.00 | 0.472 | 15.90 | 0.626 |
| SWR204-NRTN-D08-RA-GA | 08/16                  | 14.00 | 0.551 | 17.90 | 0.705 |
| SWR204-NRTN-D09-RA-GA | 09/18                  | 16.00 | 0.630 | 19.90 | 0.783 |
| SWR204-NRTN-D10-RA-GA | 10/20                  | 18.00 | 0.709 | 21.90 | 0.862 |
| SWR204-NRTN-D11-RA-GA | 11/22                  | 20.00 | 0.787 | 23.90 | 0.941 |
| SWR204-NRTN-D12-RA-GA | 12/24                  | 22.00 | 0.866 | 25.90 | 1.020 |
| SWR204-NRTN-D13-RA-GA | 13/26                  | 24.00 | 0.945 | 27.90 | 1.098 |
| SWR204-NRTN-D14-RA-GA | 14/28                  | 26.00 | 1.024 | 29.90 | 1.177 |
| SWR204-NRTN-D15-RA-GA | 15/30                  | 28.00 | 1.102 | 31.90 | 1.256 |
| SWR204-NRTN-D16-RA-GA | 16/32                  | 30.00 | 1.181 | 33.90 | 1.335 |
| SWR204-NRTN-D17-RA-GA | 17/34                  | 32.00 | 1.260 | 35.90 | 1.413 |
| SWR204-NRTN-D20-RA-GA | 20/40                  | 38.00 | 1.496 | 41.90 | 1.650 |

|                                                                                                                                           |                                                                                                                                                                                                                                                                 |            |                    |                                              |              |
|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------------|----------------------------------------------|--------------|
| UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN MM[INCHES]                                                                               | DRAWN                                                                                                                                                                                                                                                           | DATE       | NAME               |                                              |              |
|                                                                                                                                           |                                                                                                                                                                                                                                                                 | 05/25/2011 | LH                 |                                              |              |
| TOLERANCES: ANGULAR:<br>.X= ± 0.3 [ .01 ]<br>.XX= ± 0.30 [ .012 ]<br><br>INTERPRET DIMENSIONS AND<br>TOLERANCING<br>PER: ASME Y14.5M-2009 | THE INFORMATION HEREIN CONTAINS<br>PROPRIETARY INFORMATION OF<br>SULLINS ELECTRONICS AND IS NOT<br>TO BE REPRODUCED, USED OR<br>DISCLOSED TO OTHERS FOR ANY<br>PURPOSE EXCEPT AS SPECIFICALLY<br>AUTHORIZED IN WRITING BY AN<br>OFFICER OF SULLINS ELECTRONICS. |            |                    | TITLE<br>WAFER 2.0mm[.079"] CC, DUAL ROW, RA |              |
|                                                                                                                                           |                                                                                                                                                                                                                                                                 |            |                    | PART NUMBER<br>SWR204-NRTN-D__-RA-GA         |              |
|                                                                                                                                           |                                                                                                                                                                                                                                                                 | SIZE<br>C  | CAGE CODE<br>54453 | DWG. NO.<br>11630                            | REV<br>A     |
|                                                                                                                                           |                                                                                                                                                                                                                                                                 | SCALE: 8:1 |                    |                                              | SHEET 1 OF 1 |