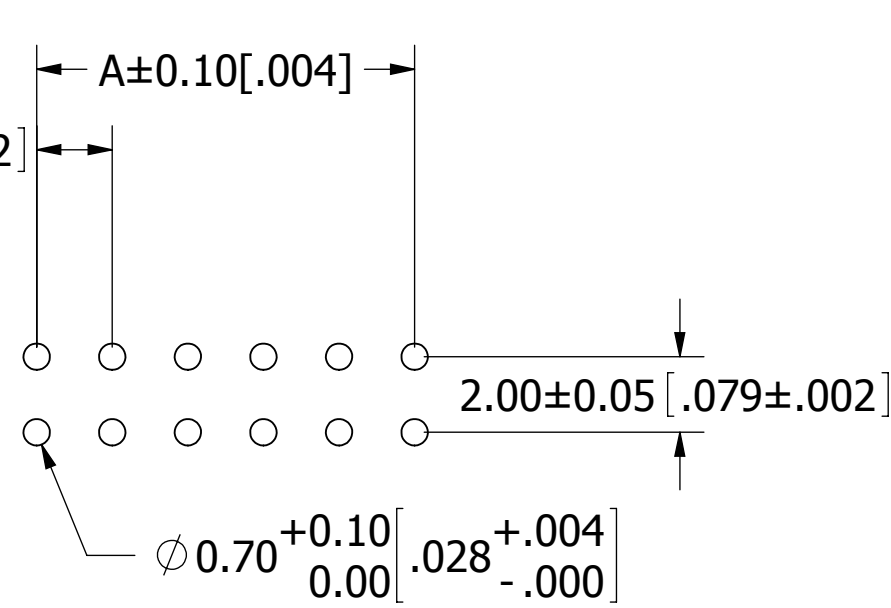
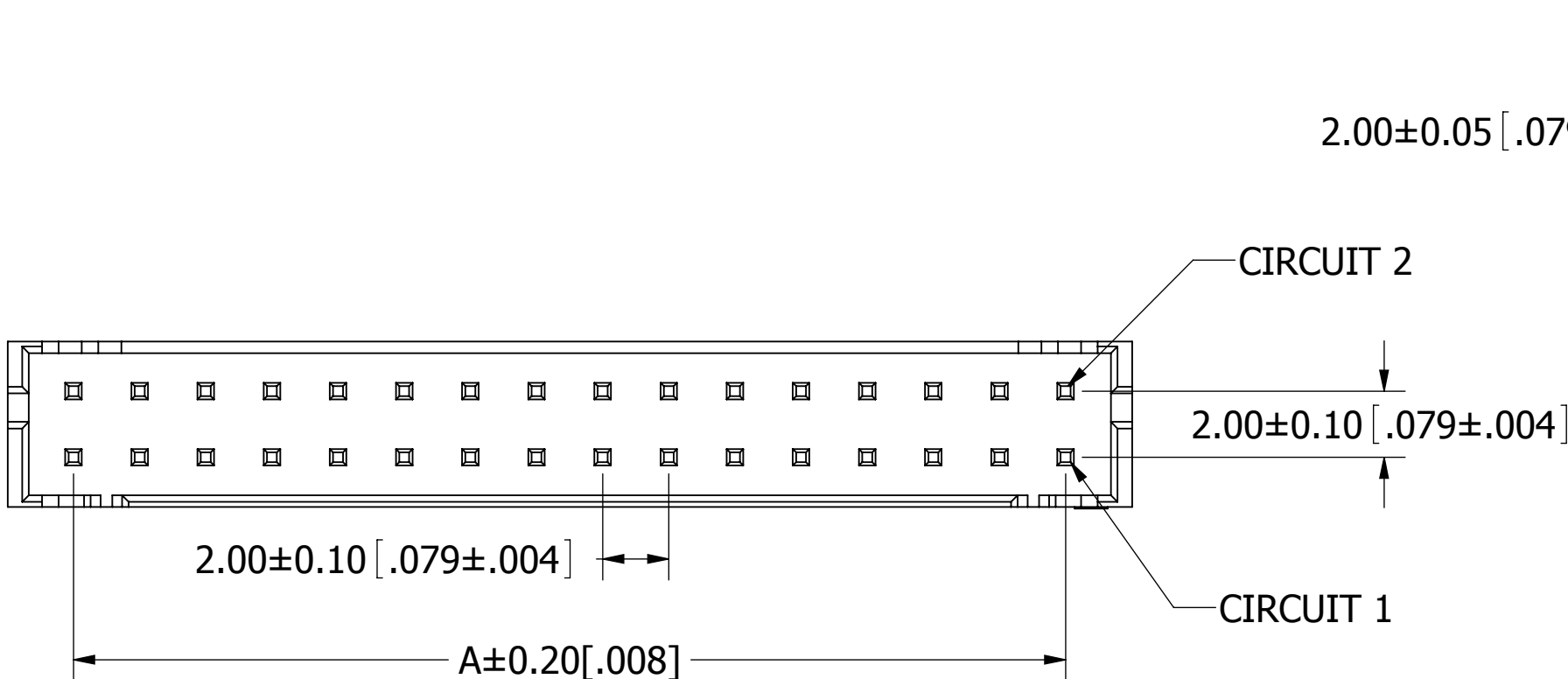


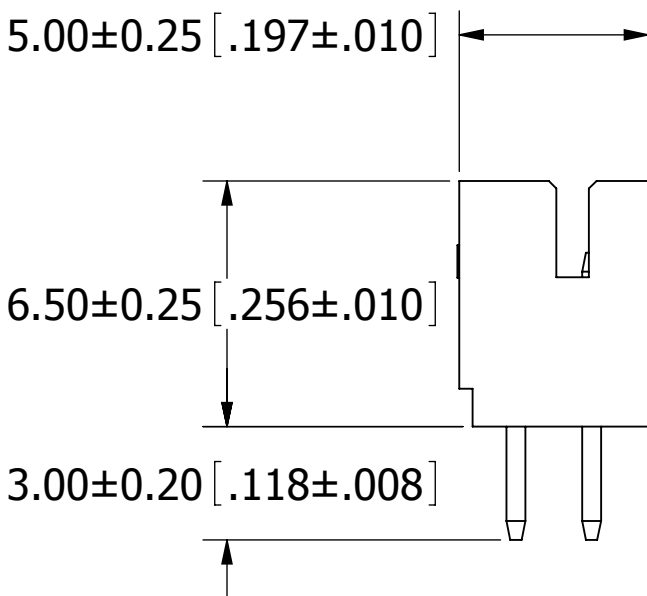
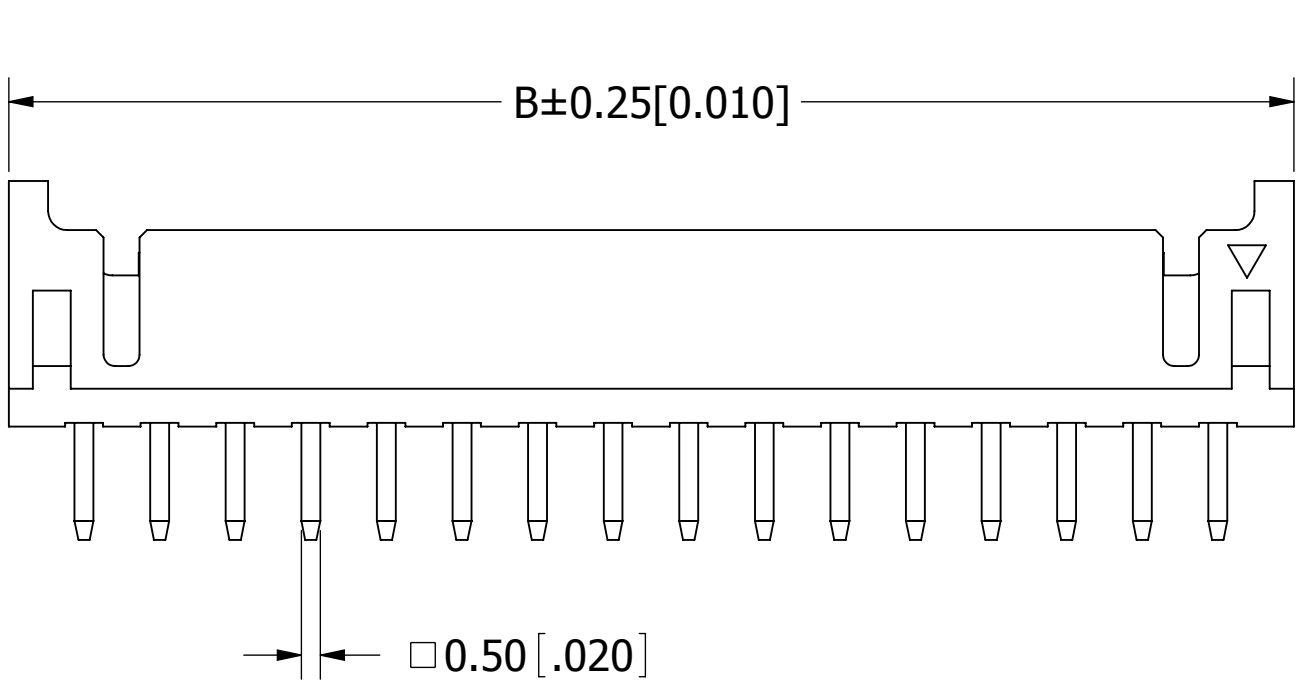
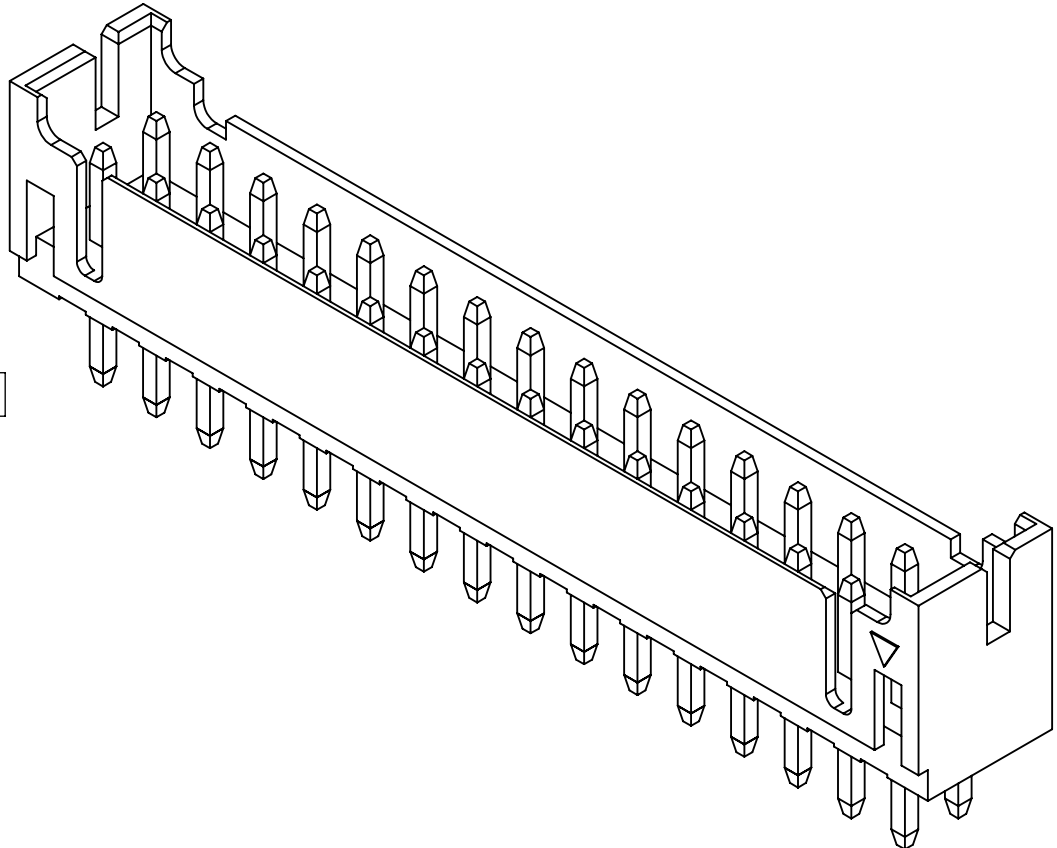
PART NUMBER CODING  
SWR204-NREN-D\_\_-ST-GA

NUMBER OF POSITIONS

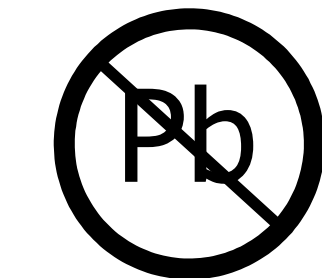
(CONTACTS PER ROW)



RECOMMENDED PCB LAYOUT



- NOTES:
1. INSULATOR MATERIAL: NYLON66, UL94V-0, COLOR:GREY (PANTONE 7528C).
  2. CONTACT MATERIAL: BRASS.
  3. CONTACT PLATING: TIN OVERALL.
  4. CURRENT RATING: 3 AMPS.
  5. VOLTAGE RATING: 250V 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.

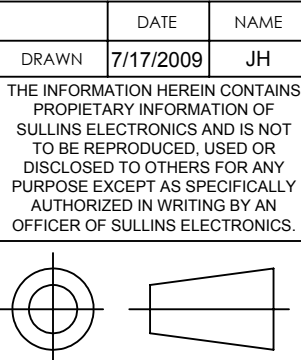


RoHS COMPLIANT

| Part Number           | Positions/<br>Contacts | A     |       | B     |       |
|-----------------------|------------------------|-------|-------|-------|-------|
|                       |                        | MM    | INCH  | MM    | INCH  |
| SWR204-NREN-D02-ST-GA | 02/04                  | 2.00  | 0.079 | 6.00  | 0.236 |
| SWR204-NREN-D03-ST-GA | 03/06                  | 4.00  | 0.157 | 8.00  | 0.315 |
| SWR204-NREN-D04-ST-GA | 04/08                  | 6.00  | 0.236 | 10.00 | 0.394 |
| SWR204-NREN-D05-ST-GA | 05/10                  | 8.00  | 0.315 | 12.00 | 0.472 |
| SWR204-NREN-D06-ST-GA | 06/12                  | 10.00 | 0.394 | 14.00 | 0.551 |
| SWR204-NREN-D07-ST-GA | 07/14                  | 12.00 | 0.472 | 16.00 | 0.630 |
| SWR204-NREN-D08-ST-GA | 08/16                  | 14.00 | 0.551 | 18.00 | 0.709 |
| SWR204-NREN-D09-ST-GA | 09/18                  | 16.00 | 0.630 | 20.00 | 0.787 |
| SWR204-NREN-D10-ST-GA | 10/20                  | 18.00 | 0.709 | 22.00 | 0.866 |
| SWR204-NREN-D11-ST-GA | 11/22                  | 20.00 | 0.787 | 24.00 | 0.945 |
| SWR204-NREN-D12-ST-GA | 12/24                  | 22.00 | 0.866 | 26.00 | 1.024 |
| SWR204-NREN-D13-ST-GA | 13/26                  | 24.00 | 0.945 | 28.00 | 1.102 |
| SWR204-NREN-D14-ST-GA | 14/28                  | 26.00 | 1.024 | 30.00 | 1.181 |
| SWR204-NREN-D15-ST-GA | 15/30                  | 28.00 | 1.102 | 32.00 | 1.260 |
| SWR204-NREN-D16-ST-GA | 16/32                  | 30.00 | 1.181 | 34.00 | 1.339 |
| SWR204-NREN-D17-ST-GA | 17/34                  | 32.00 | 1.260 | 36.00 | 1.417 |
| SWR204-NREN-D18-ST-GA | 18/36                  | 34.00 | 1.339 | 38.00 | 1.496 |
| SWR204-NREN-D19-ST-GA | 19/38                  | 36.00 | 1.417 | 40.00 | 1.575 |
| SWR204-NREN-D20-ST-GA | 20/40                  | 38.00 | 1.496 | 42.00 | 1.654 |

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN MM[INCHES]  
TOLERANCES:  
ANGULAR:  $\pm 5^\circ$   
.X =  $\pm .3 [0.1]$   
.XX =  $\pm .15 [0.06]$   
.XXX =  $\pm .050 [0.020]$   
SURFACE FINISH: 63 Ra  
REMOVE ALL BURRS AND SHARP EDGES .010 MAX

INTERPRET DIMENSIONS AND GEOMETRIC  
TOLERANCING  
PER: ANSI Y14.5M-1994



DATE

NAME

DRAWN

7/17/2009

JH

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PROPRIETARY INFORMATION OF  
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PURPOSE EXCEPT AS SPECIFICALLY  
AUTHORIZED IN WRITING BY AN  
OFFICER OF SULLINS ELECTRONICS.

SULLINS

CONNECTOR SOLUTIONS

DESCRIPTION  
WAFER, 2mm CC, DUAL ROW, ST

PART NUMBER  
SWR204-NREN-D\_\_-ST-GA

SIZE  
C

DWG. NO.  
11285

REV  
A

SCALE: 5:1

SHEET 1 OF 1