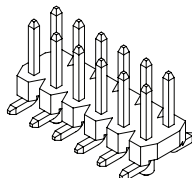




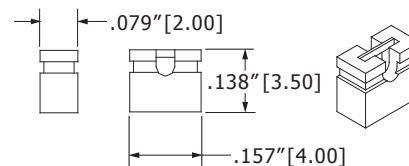
## .079" [2.00 mm] Contact Centers, Male Headers, Straight/Right Angle/SMT

### SPECIFICATIONS

- 2 Amps current rating
- UL Flammability Rating: 94V-0
- Insulator Material: Nylon
- Contact Material: Brass
- Stacker Options available - Consult Factory

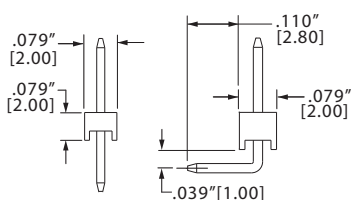


### JUMPERS

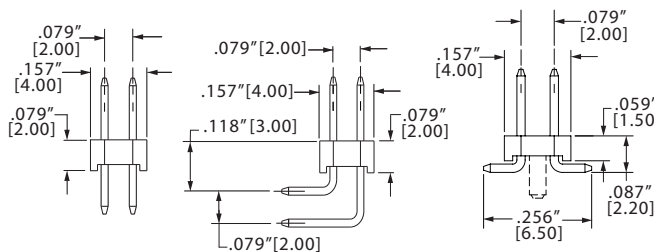


**PART NUMBER:**  
**SPN02SYBN-RC (GOLD FLASH)**  
**STN02SYBN-RC (TIN PLATE)**

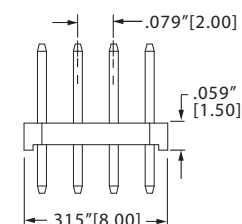
### READOUT



**SINGLE (1)**

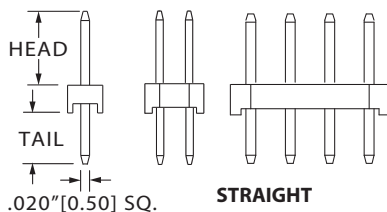


**DUAL (2)**

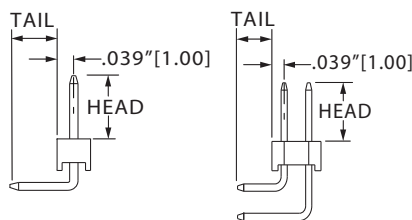


**QUAD (4)**

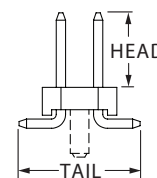
### TERMINATION TYPE



**STRAIGHT**



**RIGHT ANGLE**



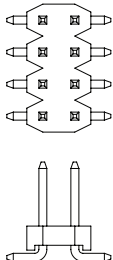
**SMT**

| P/N CODE | ROWS | TERMINATION TYPE | HEAD         | TAIL         | P/N CODE | ROWS | TERMINATION TYPE | HEAD         | TAIL         | P/N CODE | ROWS | TERMINATION TYPE | HEAD         | TAIL         |
|----------|------|------------------|--------------|--------------|----------|------|------------------|--------------|--------------|----------|------|------------------|--------------|--------------|
| PAE      | 1    | STRAIGHT         | .142" [3.60] | .110" [2.80] | PAR      | 1    | RIGHT ANGLE      | .142" [3.60] | .110" [2.80] |          |      |                  |              |              |
| PAE      | 2    | STRAIGHT         | .142" [3.60] | .110" [2.80] | PAR      | 2    | RIGHT ANGLE      | .142" [3.60] | .110" [2.80] | MAM      | 2    | SMT              | .142" [3.60] | .256" [6.50] |
| RCC      | 4    | STRAIGHT         | .173" [4.40] | .094" [2.40] |          |      |                  |              |              |          |      |                  |              |              |

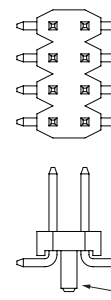
### MOUNTING STYLE



**Straight or Right Angle (N)**



**Dual Row SMT, Without Guide Posts (S)**



**Dual Row SMT, With Guide Posts (P)**



### .079" [2.00 mm] Contact Centers, Male Headers, Straight/Right Angle/SMT

#### PART NUMBER OPTIONS

**INSULATOR MATERIAL**  
N = Nylon  
R = Brass

**CONTACTS**  
R = Brass

**CONTACT FINISH - RoHS Compliant**  
P = Gold Flash Overall

**CONTACT CENTERS**  
N = .079" [2.00 mm]

**NUMBER OF POSITIONS**  
Positions Available Termination  
2 Thru 40 = MAM, PAE, PAR  
3 Thru 30 = RCC

**TERMINATION TYPE**  
MAM, PAE, PAR, RCC

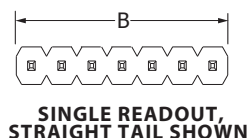
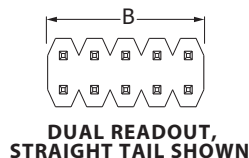
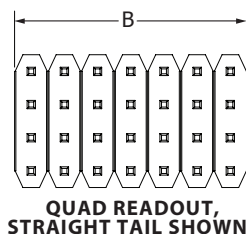
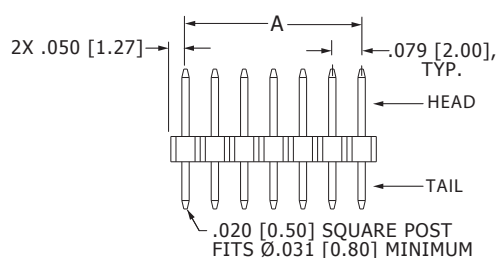
**NUMBER OF ROWS**  
1 = One row  
2 = Two rows  
4 = Four rows

**RoHS COMPLIANT**  
Consult Factory For Modifications

**MOUNTING STYLE**  
N = No Mounting  
P = Surface Mount with Guide Posts (Dual Row)  
S = Surface Mount without Guide Posts (Dual Row)

#### DIMENSIONS

Dimensions in [ ] are in millimeters, all others are in inches.



| PART NUMBER      | NUMBER OF CONTACTS<br>SINGLE/DUAL/<br>QUAD | A     |       | B     |       |
|------------------|--------------------------------------------|-------|-------|-------|-------|
|                  |                                            | in    | mm    | in    | mm    |
| NRPN02 _____ -RC | 02/04                                      | 0.079 | 2.00  | 0.157 | 4.00  |
| NRPN03 _____ -RC | 03/06/12                                   | 0.157 | 4.00  | 0.236 | 6.00  |
| NRPN04 _____ -RC | 04/08/16                                   | 0.236 | 6.00  | 0.315 | 8.00  |
| NRPN05 _____ -RC | 05/10/20                                   | 0.315 | 8.00  | 0.394 | 10.00 |
| NRPN06 _____ -RC | 06/12/24                                   | 0.394 | 10.00 | 0.472 | 12.00 |
| NRPN07 _____ -RC | 07/14/28                                   | 0.472 | 12.00 | 0.551 | 14.00 |
| NRPN08 _____ -RC | 08/16/32                                   | 0.551 | 14.00 | 0.630 | 16.00 |
| NRPN09 _____ -RC | 09/18/36                                   | 0.630 | 16.00 | 0.709 | 18.00 |
| NRPN10 _____ -RC | 10/20/40                                   | 0.709 | 18.00 | 0.787 | 20.00 |
| NRPN11 _____ -RC | 11/22/44                                   | 0.787 | 20.00 | 0.866 | 22.00 |
| NRPN12 _____ -RC | 12/24/48                                   | 0.866 | 22.00 | 0.945 | 24.00 |
| NRPN13 _____ -RC | 13/26/52                                   | 0.945 | 24.00 | 1.024 | 26.00 |
| NRPN14 _____ -RC | 14/28/56                                   | 1.024 | 26.00 | 1.102 | 28.00 |
| NRPN15 _____ -RC | 15/30/60                                   | 1.102 | 28.00 | 1.181 | 30.00 |
| NRPN16 _____ -RC | 16/32/64                                   | 1.181 | 30.00 | 1.260 | 32.00 |
| NRPN17 _____ -RC | 17/34/68                                   | 1.260 | 32.00 | 1.339 | 34.00 |
| NRPN18 _____ -RC | 18/36/72                                   | 1.339 | 34.00 | 1.417 | 36.00 |
| NRPN19 _____ -RC | 19/38/76                                   | 1.417 | 36.00 | 1.496 | 38.00 |
| NRPN20 _____ -RC | 20/40/80                                   | 1.496 | 38.00 | 1.575 | 40.00 |
| NRPN21 _____ -RC | 21/42/84                                   | 1.575 | 40.00 | 1.654 | 42.00 |
| NRPN22 _____ -RC | 22/44/88                                   | 1.654 | 42.00 | 1.732 | 44.00 |
| NRPN23 _____ -RC | 23/46/92                                   | 1.732 | 44.00 | 1.811 | 46.00 |
| NRPN24 _____ -RC | 24/48/96                                   | 1.811 | 46.00 | 1.890 | 48.00 |
| NRPN25 _____ -RC | 25/50/100                                  | 1.890 | 48.00 | 1.969 | 50.00 |
| NRPN26 _____ -RC | 26/52/104                                  | 1.969 | 50.00 | 2.047 | 52.00 |
| NRPN27 _____ -RC | 27/54/108                                  | 2.047 | 52.00 | 2.126 | 54.00 |
| NRPN28 _____ -RC | 28/56/112                                  | 2.126 | 54.00 | 2.205 | 56.00 |
| NRPN29 _____ -RC | 29/58/116                                  | 2.205 | 56.00 | 2.283 | 58.00 |
| NRPN30 _____ -RC | 30/60/120                                  | 2.283 | 58.00 | 2.362 | 60.00 |
| NRPN31 _____ -RC | 31/62                                      | 2.362 | 60.00 | 2.441 | 62.00 |
| NRPN32 _____ -RC | 32/64                                      | 2.441 | 62.00 | 2.520 | 64.00 |
| NRPN33 _____ -RC | 33/66                                      | 2.520 | 64.00 | 2.598 | 66.00 |
| NRPN34 _____ -RC | 34/68                                      | 2.598 | 66.00 | 2.677 | 68.00 |
| NRPN35 _____ -RC | 35/70                                      | 2.677 | 68.00 | 2.756 | 70.00 |
| NRPN36 _____ -RC | 36/72                                      | 2.756 | 70.00 | 2.835 | 72.00 |
| NRPN37 _____ -RC | 37/74                                      | 2.835 | 72.00 | 2.913 | 74.00 |
| NRPN38 _____ -RC | 38/76                                      | 2.913 | 74.00 | 2.992 | 76.00 |
| NRPN39 _____ -RC | 39/78                                      | 2.992 | 76.00 | 3.071 | 78.00 |
| NRPN40 _____ -RC | 40/80                                      | 3.071 | 78.00 | 3.150 | 80.00 |