



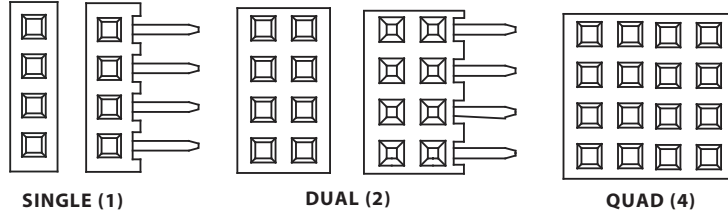
## .079" [2 mm] Contact Centers, Female Header Dip Solder/Right Angle/SMT

### SPECIFICATIONS

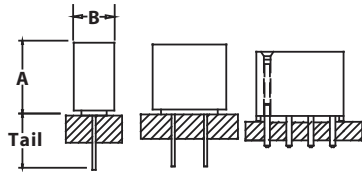
- 1 amp current rating per contact
- UL Flammability Rating: 94V-O
- Insulator: Black Thermoplastic Polyester/Nylon 6-T
- Contact Material: Phosphor Bronze



### READOUT

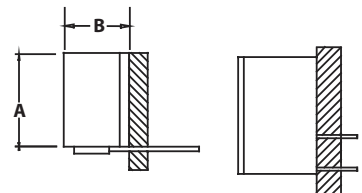


### TERMINATION TYPE



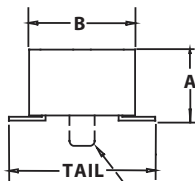
STRAIGHT

| P/N CODE | ROWS | TERM     | A           | B           | TAIL        |
|----------|------|----------|-------------|-------------|-------------|
| BFC      | 1    | STRAIGHT | .173 [4.40] | .094 [2.40] | .094 [2.40] |
| AFC      | 2    | STRAIGHT | .170 [4.30] | .157 [4.00] | .094 [2.40] |
| AFE      | 2    | STRAIGHT | 1.70 [4.30] | .157 [4.00] | .110 [2.80] |
| EFC      | 4    | STRAIGHT | .248 [6.30] | .315 [8.00] | .094 [2.40] |



RIGHT ANGLE

| P/N CODE | ROWS | TERM        | A           | B           | TAIL        |
|----------|------|-------------|-------------|-------------|-------------|
| FGG      | 1    | RIGHT ANGLE | .169 [4.30] | .110 [2.80] | .122 [3.10] |
| FJF      | 2    | RIGHT ANGLE | .285 [7.20] | .191 [4.85] | .118 [3.00] |



SMT

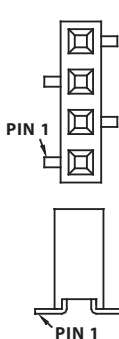
| P/N CODE | ROWS            | TERM | A           | B           | TAIL        |
|----------|-----------------|------|-------------|-------------|-------------|
| BFL      | 1               | SMT  | .181 [4.60] | .094 [2.40] | .157 [4.00] |
| GFN      | 2               | SMT  | .110 [2.80] | .165 [4.20] | .228 [5.80] |
| GHN      | Replaced by GFN |      |             |             |             |
| FFK      | 2               | SMT  | .173 [4.40] | .157 [4.00] | .228 [5.80] |

Refer to Mounting Style

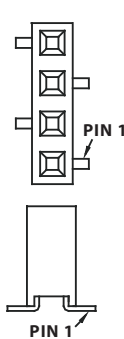
### MOUNTING STYLE



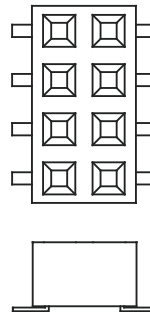
No Mounting-  
Standard (N)



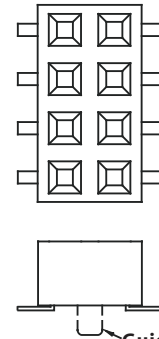
One Row SMT,  
Pin 1 Left (C)



One Row SMT,  
Pin 1 Right (D)



Two Row SMT,  
Without Guide Posts (S)



Two Row SMT,  
With Guide Post (P)

**.079" [2 mm] Contact Centers, Female Header  
Dip Solder/Right Angle/SMT**



**PART NUMBER OPTIONS**

**NP P N 40 1 BFC N - RC**

**PLASTIC HOUSING**  
NP = Nylon 6-T/Phosphor Bronze

**CONTACT FINISH - RoHS Compliant**  
Contact Termination  
P = Gold Flash Gold Flash (For 1 and 2 Row)  
R = .000020" Gold .000100" Tin (For 4 row)

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

**NUMBER OF POSITIONS**  
**Positions Available**  
2 Thru 40 = AFC, AFE, BFL, FFK, FGG, FJF  
3 Thru 40 = BFC, GFN  
5 Thru 30 = EFC

**NUMBER OF ROWS (Opposite Page)**  
1 = One Row  
2 = Two Row  
4 = Four Row

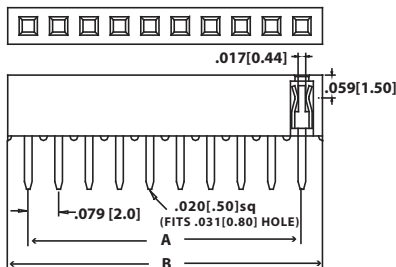
**RoHS COMPLIANT**  
Consult Factory For Modifications

**MOUNTING STYLE**  
N = No Mounting  
C = SMT, Single row female, pin 1 Left  
D = SMT, Single row female, pin 1 Right  
P = Surface mount with guide pins  
S = Surface mount without guide pins

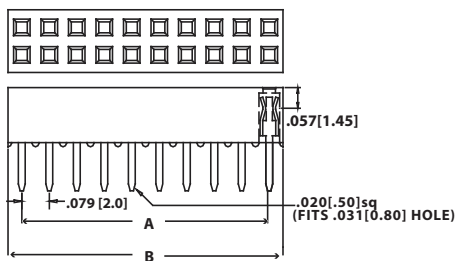
**TERMINATION TYPE (Opposite Page)**  
AFC = Thru Hole Top Entry  
AFE = Thru Hole Top Entry/Closed Bottom  
BFC = Thru Hole Top Entry  
EFC = Thru Hole Top Entry  
FGG = R/A Top Entry  
FJF = R/A Top Entry  
BFL = SMT Top Entry  
FFK = SMT Top Entry  
GFN = SMT Top/Bottom Entry  
GHN = SMT Replaced by GFN

**DIMENSIONS**

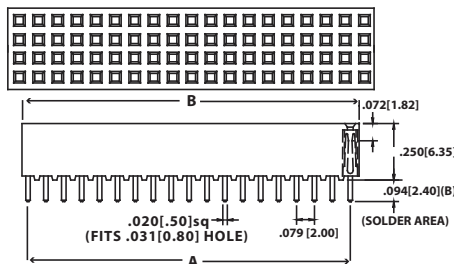
Dimensions in [ ] are in millimeters, all others are in inches.



**SINGLE READOUT,  
STRAIGHT TAIL SHOWN**



**DUAL READOUT,  
STRAIGHT TAIL SHOWN**



**QUAD READOUT,  
STRAIGHT TAIL SHOWN**

| PART NUMBER | NUMBER OF CONTACTS<br>SINGLE/DUAL/<br>QUAD | CENTER TO CENTER LENGTH [A] |       | OVERALL LENGTH [B] |       |
|-------------|--------------------------------------------|-----------------------------|-------|--------------------|-------|
|             |                                            | INCHES                      | [MM]  | INCHES             | [MM]  |
| PN02 N-RC   | 02/04                                      | 0.079                       | 2.00  | 0.157              | 4.00  |
| PN03 N-RC   | 03/06                                      | 0.157                       | 4.00  | 0.236              | 6.00  |
| PN04 N-RC   | 04/08                                      | 0.236                       | 6.00  | 0.315              | 8.00  |
| PN05 N-RC   | 05/10/20                                   | 0.315                       | 8.00  | 0.394              | 10.00 |
| PN06 N-RC   | 06/12/24                                   | 0.394                       | 10.00 | 0.472              | 12.00 |
| PN07 N-RC   | 07/14/28                                   | 0.472                       | 12.00 | 0.551              | 14.00 |
| PN08 N-RC   | 08/16/32                                   | 0.551                       | 14.00 | 0.630              | 16.00 |
| PN09 N-RC   | 09/18/36                                   | 0.630                       | 16.00 | 0.709              | 18.00 |
| PN10 N-RC   | 10/20/40                                   | 0.709                       | 18.00 | 0.787              | 20.00 |
| PN11 N-RC   | 11/22/44                                   | 0.787                       | 20.00 | 0.866              | 22.00 |
| PN12 N-RC   | 12/24/48                                   | 0.866                       | 22.00 | 0.945              | 24.00 |
| PN13 N-RC   | 13/26/52                                   | 0.945                       | 24.00 | 1.024              | 26.00 |
| PN14 N-RC   | 14/28/54                                   | 1.024                       | 26.00 | 1.102              | 28.00 |
| PN15 N-RC   | 15/30/60                                   | 1.102                       | 28.00 | 1.181              | 30.00 |
| PN16 N-RC   | 16/32/64                                   | 1.181                       | 30.00 | 1.260              | 32.00 |
| PN17 N-RC   | 17/34/68                                   | 1.260                       | 32.00 | 1.339              | 34.00 |
| PN18 N-RC   | 18/36/72                                   | 1.339                       | 34.00 | 1.417              | 36.00 |
| PN19 N-RC   | 19/38/76                                   | 1.417                       | 36.00 | 1.496              | 38.00 |
| PN20 N-RC   | 20/40/80                                   | 1.496                       | 38.00 | 1.575              | 40.00 |
| PN21 N-RC   | 21/42/84                                   | 1.575                       | 40.00 | 1.654              | 42.00 |
| PN22 N-RC   | 22/44/88                                   | 1.654                       | 42.00 | 1.732              | 44.00 |
| PN23 N-RC   | 23/46/92                                   | 1.732                       | 44.00 | 1.811              | 46.00 |
| PN24 N-RC   | 24/48/96                                   | 1.811                       | 46.00 | 1.890              | 48.00 |
| PN25 N-RC   | 25/50/100                                  | 1.890                       | 48.00 | 1.969              | 50.00 |
| PN26 N-RC   | 26/52/104                                  | 1.969                       | 50.00 | 2.047              | 52.00 |
| PN27 N-RC   | 27/54/108                                  | 2.047                       | 52.00 | 2.126              | 54.00 |
| PN28 N-RC   | 28/56/112                                  | 2.126                       | 54.00 | 2.205              | 56.00 |
| PN29 N-RC   | 29/58/116                                  | 2.205                       | 56.00 | 2.283              | 58.00 |
| PN30 N-RC   | 30/60/120                                  | 2.283                       | 58.00 | 2.362              | 60.00 |
| PN31 N-RC   | 31/62                                      | 2.362                       | 60.00 | 2.441              | 62.00 |
| PN32 N-RC   | 32/64                                      | 2.441                       | 62.00 | 2.520              | 64.00 |
| PN33 N-RC   | 33/66                                      | 2.520                       | 64.00 | 2.598              | 66.00 |
| PN34 N-RC   | 34/68                                      | 2.598                       | 66.00 | 2.677              | 68.00 |
| PN35 N-RC   | 35/70                                      | 2.677                       | 68.00 | 2.756              | 70.00 |
| PN36 N-RC   | 36/72                                      | 2.756                       | 70.00 | 2.835              | 72.00 |
| PN37 N-RC   | 37/74                                      | 2.835                       | 72.00 | 2.913              | 74.00 |
| PN38 N-RC   | 38/76                                      | 2.913                       | 74.00 | 2.992              | 76.00 |
| PN39 N-RC   | 39/78                                      | 2.992                       | 76.00 | 3.071              | 78.00 |
| PN40 N-RC   | 40/80                                      | 3.071                       | 78.00 | 3.150              | 80.00 |