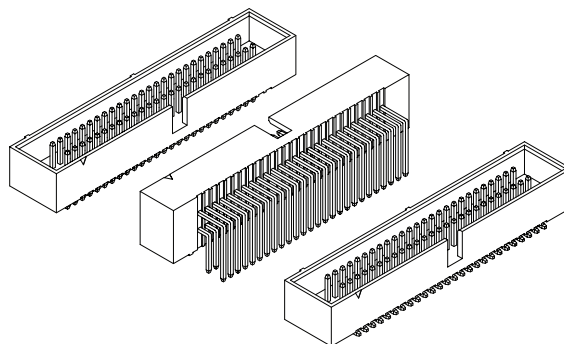




## .050" [1.27 mm] Contact Centers Shrouded (Box) Headers, .100" [2.54 mm] Row Spacing Straight/Right Angle/SMT With or Without Post- SBH Series Mates with SFH41 series (See opposite page)

### SPECIFICATIONS

- Centered Polarizing Notch
- Operating Temperature: -40°C to +105°C
- Processing Temperature: 230°C Max. for 60 seconds,  
(260°C Max. for 10 seconds)
- UL Flammability Rating: 94V-0
- Contact Resistance: 20 milli Ohms Max.
- Current Rating: 1 Amp
- Dielectric Withstanding: 500 VAC
- Insulation Resistance: 5000 Megohms

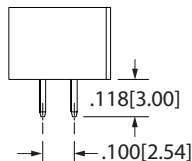


### PART NUMBER OPTIONS

|                                                                                    |              |            |          |          |          |            |           |             |             |                                                   |
|------------------------------------------------------------------------------------|--------------|------------|----------|----------|----------|------------|-----------|-------------|-------------|---------------------------------------------------|
| <b>SERIES</b>                                                                      | <b>SBH41</b> | <b>- N</b> | <b>B</b> | <b>P</b> | <b>B</b> | <b>- D</b> | <b>10</b> | <b>- ST</b> | <b>- BK</b> | <b>COLOR</b>                                      |
| SBH41 = Box Header, .050" [1.27 mm] Contact Centers by .100" [2.54 mm] Row Spacing |              |            |          |          |          |            |           |             |             | BK = Black                                        |
| <b>INSULATOR MATERIAL</b>                                                          |              |            |          |          |          |            |           |             |             | <b>TERMINATION TYPE</b>                           |
| N = Nylon                                                                          |              |            |          |          |          |            |           |             |             | ST = Straight                                     |
| <b>CONTACT MATERIAL</b>                                                            |              |            |          |          |          |            |           |             |             | RA = Right Angle                                  |
| B = Brass                                                                          |              |            |          |          |          |            |           |             |             | SM = Surface Mount                                |
| <b>CONTACT FINISH - RoHS Compliant</b>                                             |              |            |          |          |          |            |           |             |             | SP = Surface Mount with Guide Posts               |
| P = Gold Flash Overall                                                             |              |            |          |          |          |            |           |             |             | <b>NUMBER OF CONTACT POSITIONS (Pins per Row)</b> |
| <b>CONTACT CENTERS</b>                                                             |              |            |          |          |          |            |           |             |             | 05 thru 50                                        |
| B = .050" [1.27 mm]                                                                |              |            |          |          |          |            |           |             |             | <b>NUMBER OF ROWS</b>                             |
|                                                                                    |              |            |          |          |          |            |           |             |             | D = Dual Row                                      |

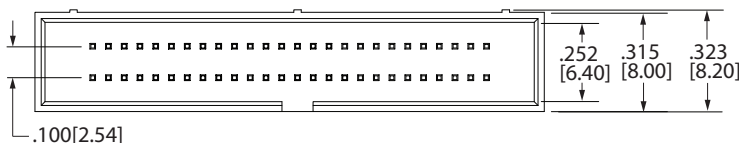
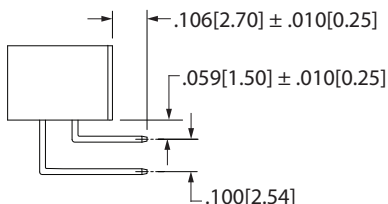
### DIMENSIONS For complete drawings, go to [www.sullinscorp.com](http://www.sullinscorp.com) or e-mail [techsupport@sullinscorp.com](mailto:techsupport@sullinscorp.com)

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



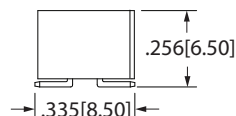
#### STRAIGHT (ST)

Example P/N: SBH41-NBPB-D20-ST-BK



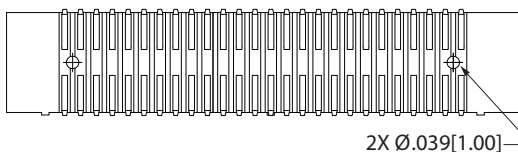
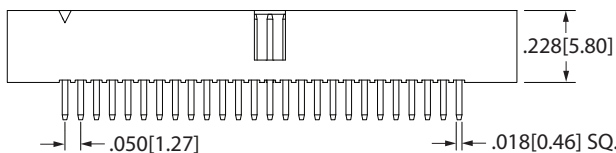
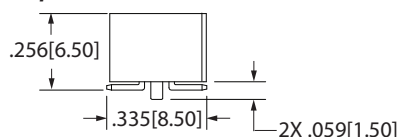
#### RIGHT ANGLE (RA)

Example P/N: SBH41-NBPB-D20-RA-BK



#### SURFACE MOUNT (SM)

Example P/N: SBH41-NBPB-D20-SM-BK



Surface Mount with Posts (SP) Only

#### SURFACE MOUNT with Posts (SP)

Example P/N: SBH41-NBPB-D20-SP-BK