



## .050" [1.27 mm] Contact Centers, Shrouded (Box) Headers/Straight/Right Angle/SMT With or Without Post- SBH Series Mates with SFH31 series (See opposite page)

### SPECIFICATIONS

- 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

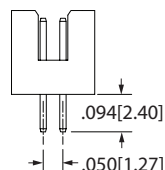


### PART NUMBER OPTIONS

|                                                                                    |                                         |                                                   |
|------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------|
| <b>SERIES</b>                                                                      | <b>SBH31 - N B P B - D 10 - ST - BK</b> | <b>COLOR</b>                                      |
| SBH31 = Box Header, .050" [1.27 mm] Contact Centers by .050" [1.27 mm] Row Spacing |                                         | BK = Black                                        |
| <b>INSULATOR MATERIAL</b>                                                          |                                         | <b>TERMINATION TYPE</b>                           |
| N = Nylon                                                                          |                                         | ST = Straight                                     |
| L = LCP                                                                            |                                         | RA = Right Angle                                  |
| <b>CONTACT MATERIAL</b>                                                            |                                         | SM = Surface Mount                                |
| B = Brass                                                                          |                                         | SP = Surface Mount with Guide Posts               |
| <b>CONTACT FINISH - RoHS Compliant</b>                                             |                                         | <b>NUMBER OF CONTACT POSITIONS (Pins per Row)</b> |
| P = Gold Flash Overall                                                             |                                         | 03 thru 50                                        |
| <b>CONTACT CENTERS</b>                                                             |                                         | <b>NUMBER OF ROWS</b>                             |
| B = .050" [1.27 mm]                                                                |                                         | D = Dual Row                                      |

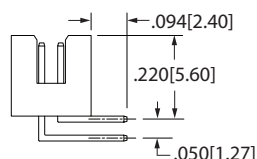
### DIMENSIONS For complete drawings, go to [www.sullinscorp.com](http://www.sullinscorp.com) or e-mail [techsupport@sullinscorp.com](mailto:techsupport@sullinscorp.com)

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



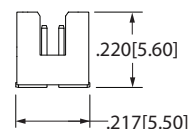
#### STRAIGHT (ST)

Example P/N: SBH31-NBPB-D20-ST-BK



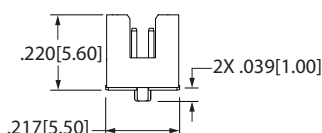
#### RIGHT ANGLE (RA)

Example P/N: SBH31-NBPB-D20-RA-BK



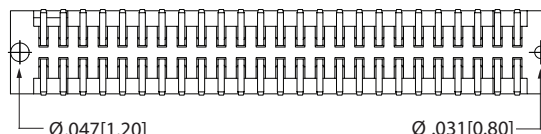
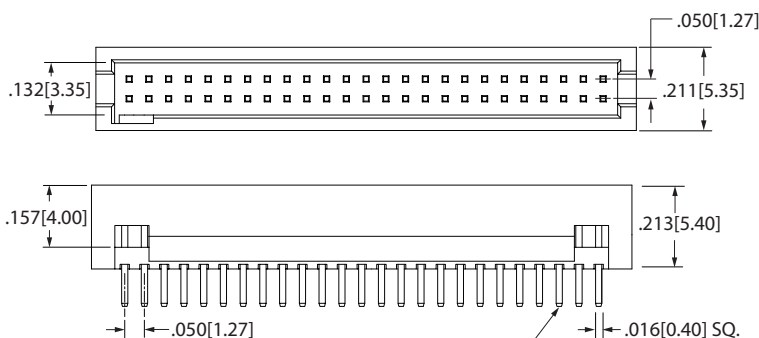
#### SURFACE MOUNT (SM)

Example P/N: SBH31-NBPB-D20-SM-BK



#### SURFACE MOUNT with Posts (SP)

Example P/N: SBH31-NBPB-D20-SP-BK



Surface Mount with Posts (SP) Only