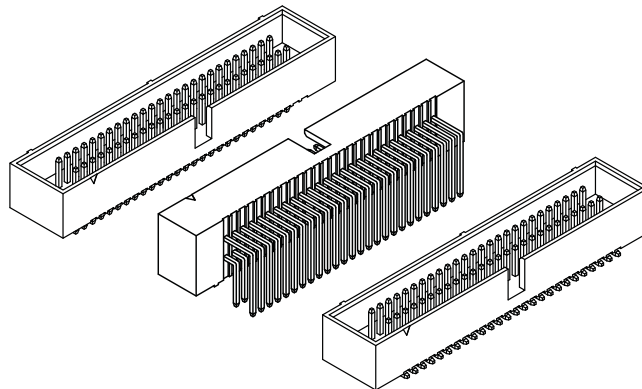




# .050" [1.27] Male Shrouded Box Headers, .100" [2.54] Row Spacing, Straight, Right Angle, SMT With or Without Post SPECIFICATIONS

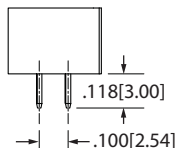
- **Centered Polarizing Notch**
- Operating Temperature: - 40° C to + 85° C
- Processing Temperature: 230° C for 60 seconds Max.  
(260° C, 10 seconds)
- UL Flammability Rating: 94V-0
- Voltage Rating: 20m OHMs Max.
- Current Rating: 1 AMP per contact
- Voltage Drop: AC 500 V.
- Insulation Resistance: 1000 Mega OHMS
- **Mates with SFH41 series (See opposite page)**



## PART NUMBER OPTIONS

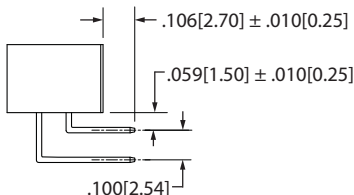
<b>SERIES</b>	<b>SBH41</b>	<b>- N</b>	<b>B</b>	<b>P</b>	<b>B</b>	<b>- D</b>	<b>10</b>	<b>- ST</b>	<b>- BK</b>	<b>COLOR</b>
SBH41 = Male Box Header with Centered Polarizing Notch, .050" [1.27mm] Contact Centers										BK = Black Other Color Options Available (Consult Factory)
<b>HOUSING MATERIAL</b>										<b>TERMINATION TYPE</b>
N = Nylon 6T										ST = Straight RA = Right Angle SM = Surface Mount SP = Surface Mount with Post
<b>CONTACT MATERIAL</b>										<b>NUMBER OF CONTACT POSITIONS (Pins per Row)</b>
B = Brass										05 thru 40
<b>CONTACT FINISH - RoHS Compliant</b>										<b>NUMBER OF ROWS</b>
P = Gold Flash Overall										D = Dual Row
<b>CONTACT CENTERS</b>										
B = .050" [1.27mm]										

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



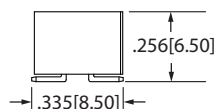
### STRAIGHT (ST)

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



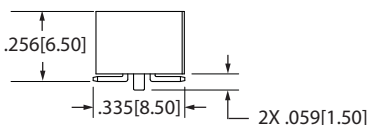
### RIGHT ANGLE (RA)

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



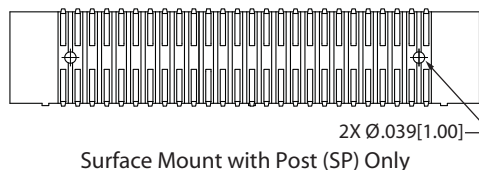
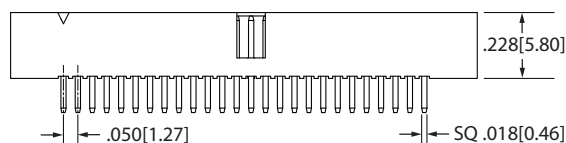
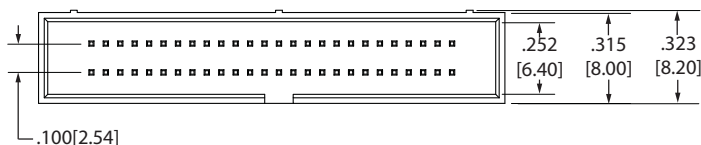
### SURFACE MOUNT (SM)

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



### SURFACE MOUNT with POST (SP)

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



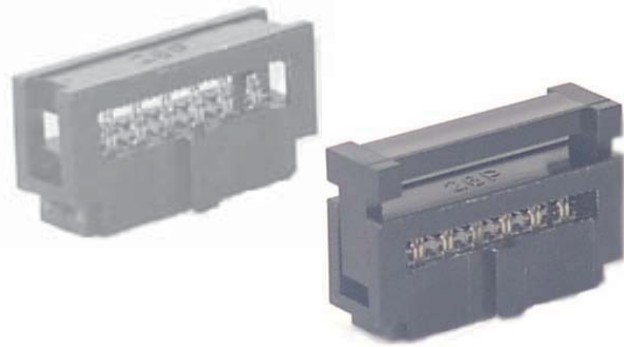
Surface Mount with Post (SP) Only



**.050" [1.27] IDC Sockets, .100" [2.54] Row Spacing,  
Insulation Displacement With or Without Strain Relief**

**SPECIFICATIONS**

- **Centered Polarizing Key**
- Operating Temperature: - 40° C to + 105° C
- UL Flammability Rating: 94V-0
- Contact Resistance: 30 MEGA OHMS Max.
- Current Rating: 1 AMP per contact
- Dielectric Withstanding: 500 VAC R.M.S. for One Minute
- Insulation Resistance: 500 Mega OHMS
- **Mates with SBH41 series (See opposite page)**



**PART NUMBER OPTIONS**

<b>SERIES</b>	<b>SFH41 - P P P B - D 10 - ID - BK</b>	<b>COLOR</b>
SFH41 = Female Box Header Without Strain Relief, .050" [1.27mm] Contact Centers		BK = Black
SFH413 = Female Box Header With Strain Relief, .050" [1.27mm] Contact Centers		GY = Grey
<b>HOUSING MATERIAL</b>		<b>TERMINATION TYPE (Opposite Page)</b>
P = PBT		ID = Insulation Displacement
<b>CONTACT MATERIAL</b>		<b>NUMBER OF CONTACT POSITIONS</b>
P = Phosphor Bronze		05, 08, 10, 13, 15, 17, 20, 25, 30, 34, 40, 50
<b>CONTACT FINISH - RoHS Compliant</b>		<b>NUMBER OF ROWS</b>
P = Gold Flash Overall		D = Dual Row
E = .000100" Pure Tin, Matte, Overall		<b>CONTACT CENTERS</b>
V = Gold Flash on Contact Surface, Nickel Underplate on Tails		B = .050" [1.27mm]

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

