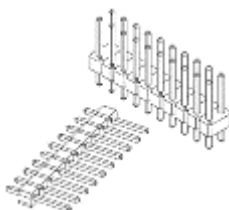


**68001-106HLF - BergStik® : Unshrouded Header, Through Hole, Single Row, 6 Positions, 2.54 mm Pitch, Vertical, 5.84 mm (0.23 in.) Mating, 3.05 mm (0.12 in.) Tail**



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## Mating Half

-  75915-306LF
-  76341-306LF
-  91601-306LF
-  71607-306LF

## Specifications

### Approvals / Certifications

|                            |                     |
|----------------------------|---------------------|
| UL File Number             | E66906              |
| CSA File Number            | LR46923             |
| Approvals / Certifications | UL and CSA Approved |

### Mechanical

|                 |               |
|-----------------|---------------|
| Retention force | 8.88N (2 lbf) |
|-----------------|---------------|

### Dimensional

|                      |                     |
|----------------------|---------------------|
| Length (Mating pin)  | 5.84 mm (0.23 in.)  |
| Length (Overall pin) | 11.43 mm (0.45 in.) |
| Length (Tail)        | 3.05 mm (0.12 in.)  |

### Electrical

|                         |                  |
|-------------------------|------------------|
| Current rating          | 3 amp Continuous |
| Resistance (Insulation) | 5000 M-ohms      |
| Voltage rating          | 1500V AC rms     |

### General

|                              |                |
|------------------------------|----------------|
| Number of contacts (per row) | 6              |
| Number of contacts (Total)   | 6              |
| Number of rows               | 1              |
| Orientation                  | Vertical       |
| Packaging                    | Bulk Packaging |
| Attachment type (Board)      | Through Hole   |
| Series Number                | 68001          |

### Mounting

|                           |                                                                      |
|---------------------------|----------------------------------------------------------------------|
| Retention feature (Board) | No                                                                   |
| Solder process            | Vapor-phase<br>IR Reflow Soldering Processes<br>Compatible with Wave |

|                               |                                       |
|-------------------------------|---------------------------------------|
| <b>Other Features</b>         |                                       |
| <b>Comments</b>               | Sample Kit 950501-016                 |
| <b>Literature</b>             | 950559-001                            |
| <b>Physical</b>               |                                       |
| <b>Color (Housing)</b>        | Black                                 |
| <b>Material (Contact)</b>     | Phospor Bronze                        |
| <b>Material (Housing)</b>     | High Temperature Black Thermoplastic  |
| <b>Plating (Contact area)</b> | 0.76 µm (30 µin.) Gold or GXT         |
| <b>Plating (Tail)</b>         | 0.76 µm (30 µin.) Gold or GXT, or Tin |
| <b>Underplating (Contact)</b> | 1.27 µm (50 µin.) Nickel              |
| <b>Flammability rating</b>    | UL 94 V-0                             |
| <b>Temperature (Range)</b>    | -65°C to +125°C                       |