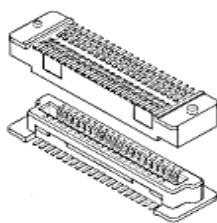


**61082-063402LF - Bergstak® : 60  
Positions, Dual Row, BTB Vertical  
Receptacle**



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## Mating Half

- ☒ 61083-061400LF
- ☒ 61083-061402LF
- ☒ 61083-062400LF
- ☒ 61083-062402LF
- ☒ 61083-063400LF

## Specifications

### Approvals / Certifications

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

### Mechanical

|                            |                           |
|----------------------------|---------------------------|
| Durability (Mating cycles) | 100                       |
| Insertion force            | 90 grams per Contact max. |
| Withdrawal Force           | 10 grams per Contact min. |

### Dimensional

|                |                  |
|----------------|------------------|
| Height (Mated) | 15 mm(0.591 in.) |
|                | 13 mm(0.512 in.) |
|                | 16 mm(0.63 in.)  |
|                | 14 mm(0.551 in.) |
| Dim A (in)     | 0.913 in.        |
| Dim A (mm)     | 23.2 mm          |
| Dim B (in)     | 1.173 in.        |
| Dim B (mm)     | 29.8 mm          |
| Dim C (in)     | 1.11 in.         |
| Dim C (mm)     | 28.2 mm          |

### Electrical

|                         |                                                          |
|-------------------------|----------------------------------------------------------|
| Current rating          | 0.8 amps max                                             |
| Resistance (Contact)    | 30 M-ohms max. (Initial), 50 M-ohms max. (After Test)    |
| Resistance (Insulation) | 1000 M-ohms min. (Initial), 100 M-ohms min. (After Test) |
| Voltage rating          | 100 volts AC                                             |

### General

|        |            |
|--------|------------|
| Gender | Receptacle |
|--------|------------|

|                                                    |                                                            |
|----------------------------------------------------|------------------------------------------------------------|
| <b>Number of contacts (Total)</b>                  | 60                                                         |
| <b>Mating half</b>                                 | Mates with all 60 Positions Bergstak® Plugs Base P/N 61083 |
| <b>Mounting</b>                                    |                                                            |
| <b>Polarization pegs (Board)</b>                   | Yes                                                        |
| <b>Retention feature (Board)</b>                   | No                                                         |
| <b>Solder process</b>                              | IR and Vapor-Phase Reflow                                  |
| <b>Other Features</b>                              |                                                            |
| <b>Popular Configuration (Customer Production)</b> | Yes                                                        |
| <b>Most Popular Configuration</b>                  | Yes                                                        |
| <b>Packaging (Type)</b>                            | Tape and Reel, with vacuum pickup caps                     |
| <b>Vacuum Pick-up Cap</b>                          | Yes                                                        |
| <b>Literature</b>                                  | 950547-001                                                 |
| <b>Physical</b>                                    |                                                            |
| <b>Material (Contact)</b>                          | Copper Alloy                                               |
| <b>Material (Housing)</b>                          | LCP                                                        |
| <b>Plating (Contact area)</b>                      | 0.2 µm (8 µin.) Gold                                       |
| <b>Plating (Tail)</b>                              | Matte-Tin                                                  |
| <b>Underplating (Contact)</b>                      | 1.27 µm (50 µin.) Nickel                                   |
| <b>Resistance to Solder Heat</b>                   | 240°C for 30 sec                                           |
| <b>Temperature (Range)</b>                         | -40°C to +125°C                                            |