### Standard Part Numbering Configuration

**15 Characters maximum**

<table>
<thead>
<tr>
<th>Method</th>
<th>Space</th>
<th>Orientation of cable ends</th>
<th>Cable length in MM (Up to 4 spaces, No decimal points)</th>
</tr>
</thead>
<tbody>
<tr>
<td>- = Standard</td>
<td>(1 space between orientation and method)</td>
<td>(See Sheet 2)</td>
<td>- (Dash)</td>
</tr>
</tbody>
</table>

- **# of Conductors**
  - (1 - 99) See below note
  - (For cables with less than 10 Conductors use only one number Ex: 100R8-1252B-)

### Notes:
- **Span** = (# of conductors - 1) / (Pitch)
- **Exposed Conductor Length**
  - ±0.030" (.76MM)
- **Stiffener Length**
  - ±0.050" (1.27MM)
- **Margin**
  - ±0.005" (.127MM)
- **Cable Width**
  - ±0.005" (.127MM)
- **Current Rating**
  - ±0.100" (2.54MM)
- **Tolerances**
  - ±0.030" (.76MM)
- **Exposed Conductor Width**
  - ±0.003" (.076mm)
- **Exposed Conductor Thickness**
  - ±0.011" (.280mm)
- **Current Rating**
  - ±0.026" (.660mm)
- **Exposed Conductor Space**
  - ±0.003" (.076mm)
- **Exposed Conductor Margin**
  - ±0.003" (.076mm)
- **Exposed Current**
  - ±0.026" (.660mm)
- **Exposed Conductor Width**
  - ±0.003" (.076mm)
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- **Exposed Conductor Space**
  - ±0.003" (.076mm)
- **Exposed Conductor Margin**
  - ±0.003" (.076mm)
- **Exposed Current**
  - ±0.026" (.660mm)

### Standard ZIF Cable - Same side exposure

- **Exposed Conductor Margin**
  - ±0.005" (.127MM)
- **Exposed Conductor Length**
  - ±0.030" (.76MM)
- **Stiffener Length**
  - ±0.050" (1.27MM)
- **Margin**
  - ±0.005" (.127MM)
- **Cable Width**
  - ±0.005" (.127MM)
- **Current Rating**
  - ±0.100" (2.54MM)
- **Tolerances**
  - ±0.030" (.76MM)
- **Exposed Conductor Width**
  - ±0.003" (.076mm)
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- **Exposed Conductor Space**
  - ±0.003" (.076mm)
- **Exposed Conductor Margin**
  - ±0.003" (.076mm)
- **Exposed Current**
  - ±0.026" (.660mm)

### Standard ZIF Cable - Reverse side exposure

- **Exposed Conductor Margin**
  - ±0.005" (.127MM)
- **Exposed Conductor Length**
  - ±0.030" (.76MM)
- **Stiffener Length**
  - ±0.050" (1.27MM)
- **Margin**
  - ±0.005" (.127MM)
- **Cable Width**
  - ±0.005" (.127MM)
- **Current Rating**
  - ±0.100" (2.54MM)
- **Tolerances**
  - ±0.030" (.76MM)
- **Exposed Conductor Width**
  - ±0.003" (.076mm)
- **Exposed Conductor Thickness**
  - ±0.011" (.280mm)
- **Exposed Current**
  - ±0.026" (.660mm)
- **Exposed Conductor Space**
  - ±0.003" (.076mm)
- **Exposed Conductor Margin**
  - ±0.003" (.076mm)
- **Exposed Current**
  - ±0.026" (.660mm)

### Cables in piece form

<table>
<thead>
<tr>
<th>Cable Type</th>
<th>Orientation</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>KK</td>
<td>Bussbar</td>
</tr>
<tr>
<td>BN</td>
<td>KS</td>
<td></td>
</tr>
<tr>
<td>BO</td>
<td>KW</td>
<td></td>
</tr>
<tr>
<td>BL</td>
<td>KN</td>
<td></td>
</tr>
<tr>
<td>BT</td>
<td>KR</td>
<td>Span = (# of conductors - 1) / (Pitch)</td>
</tr>
<tr>
<td>N</td>
<td>KL</td>
<td></td>
</tr>
<tr>
<td>NO</td>
<td>KBN</td>
<td></td>
</tr>
<tr>
<td>NL</td>
<td>KNO</td>
<td></td>
</tr>
<tr>
<td>NT</td>
<td>KRN</td>
<td></td>
</tr>
<tr>
<td>L</td>
<td></td>
<td>Laminated cable bulk end</td>
</tr>
<tr>
<td>TT</td>
<td></td>
<td>Cable Bore CONDUIT</td>
</tr>
</tbody>
</table>

### Cable end orientations

<table>
<thead>
<tr>
<th>Cable End</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>KK</td>
<td>Both end with no exposed conductor and no stiffness</td>
</tr>
<tr>
<td>KS</td>
<td>Both end with no exposed conductor and stiffness</td>
</tr>
<tr>
<td>KW</td>
<td>Both end with no exposed conductor and stiffness</td>
</tr>
<tr>
<td>KN</td>
<td>Both end with exposed conductor and stiffness</td>
</tr>
<tr>
<td>KR</td>
<td>Both end with exposed conductor and stiffness</td>
</tr>
<tr>
<td>KL</td>
<td>Both end with exposed conductor and stiffness</td>
</tr>
<tr>
<td>KBN</td>
<td>Both end with exposed conductor and stiffness</td>
</tr>
<tr>
<td>KNO</td>
<td>Both end with exposed conductor and stiffness</td>
</tr>
<tr>
<td>KRN</td>
<td>Both end with exposed conductor and stiffness</td>
</tr>
</tbody>
</table>

### Standard ZIF Cable - Reverse side exposure

- **Exposed Conductor Margin**
  - ±0.005" (.127MM)
- **Exposed Conductor Length**
  - ±0.030" (.76MM)
- **Stiffener Length**
  - ±0.050" (1.27MM)
- **Margin**
  - ±0.005" (.127MM)
- **Cable Width**
  - ±0.005" (.127MM)
- **Current Rating**
  - ±0.100" (2.54MM)
- **Tolerances**
  - ±0.030" (.76MM)
- **Exposed Conductor Width**
  - ±0.003" (.076mm)
- **Exposed Conductor Thickness**
  - ±0.011" (.280mm)
- **Exposed Current**
  - ±0.026" (.660mm)
- **Exposed Conductor Space**
  - ±0.003" (.076mm)
- **Exposed Conductor Margin**
  - ±0.003" (.076mm)
- **Exposed Current**
  - ±0.026" (.660mm)

### Cable Pitch

- **Cable Pitch**
  - 0.50MM (0.0197")
  - 0.62MM (0.0246")
  - 1.00MM (0.0394")
  - 1.25MM (0.0492")
  - 1.27MM (0.050")
  - 2.54MM (0.100")

### Insulation

- **Insulation**
  - .002" Polyester with .0015" Flame Retardent Adhesive

### Conductor Material

- **Conductor**
  - Copper Tin Plated

### Temperature Rating

- **Temperature rating**
  - -55°C to 105°C

### Dielectric Strength

- **Dielectric Strength**
  - 2500 Volts/Mil

### Marking

- **Marking**
  - Minimum marking to be "PARLEX and Date Code". On cables where spacing does not allow parts will not be marked.

### UL Style Notes

- **UL Style # Notes**
  - 20890 = .008" Min spacing between conductors, Voltage rating = 90 Volts
  - 2643 = .016" Min spacing between conductors, Voltage rating = 300 Volts

### Conductor Width

- **Cable Width**
  - 0.112" (2.86MM)
  - .019" (.483mm)
  - .034" (.864mm)
  - .0246" (.625mm)
  - .003" (.076mm)
  - .003" (.076mm)
  - .003" (.076mm)

### Conductor Tolerances

- **Conductor Tolerances**
  - ±.003" (.076mm) ±.003" (.076mm) ±.003" (.076mm)

### Conductor Pitch

- **Conductor Pitch**
  - 0.50MM (0.0197") 0.62MM (0.0246") 1.00MM (0.0394") 1.25MM (0.0492") 1.27MM (0.050") 2.54MM (0.100")
### Standard Part Numbering Configuration

<table>
<thead>
<tr>
<th>Cable Pitch</th>
<th>Method</th>
<th>Spacing</th>
<th>Orientation of cable ends</th>
<th>Cable length in MM (Up to 4 spaces, No decimal points)</th>
</tr>
</thead>
<tbody>
<tr>
<td>050 ± 0.050 (0.0197&quot;)</td>
<td>Standard</td>
<td>(1 space between orientation and method)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>062 ± 0.062 (0.0246&quot;)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>100 ± 0.100 (0.0394&quot;)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>125 ± 0.125 (0.0492&quot;)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>254 ± 0.254 (0.100&quot;)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Standard ZIF Cable - Same side exposure

**Notes:**
- Cable Width = (# of conductors +1) (Pitch)
- Span = (# of conductors -1) (Pitch)
- Silicating Thickness = 0.012" (0.305mm)
- Insulation = EPR Polyethylene with 0.010" Flame Retardant Adhesive
- Conductors = Copper Tin Plated
- Temperature Rating = -55°C to 105°C
- Dielectric Strength = 2500 Volts/Mil
- UL Flame Rating = VW-1
- Insulation Resistance = 10 Megaohm min.
- Marking - Minimum marking to be "PARLEX and Date Code". On cables where spacing does not allow parts will not be marked.

### Standard ZIF Cable - Reverse side exposure

**Notes:**
- Cable Width = (# of conductors +1) (Pitch)
- Span = (# of conductors -1) (Pitch)
- Silicating Thickness = 0.012" (0.305mm)
- Insulation = EPR Polyethylene with 0.010" Flame Retardant Adhesive
- Conductors = Copper Tin Plated
- Temperature Rating = -55°C to 105°C
- Dielectric Strength = 2500 Volts/Mil
- UL Flame Rating = VW-1
- Insulation Resistance = 10 Megaohm min.
- Marking - Minimum marking to be "PARLEX and Date Code". On cables where spacing does not allow parts will not be marked.