Standard ZIF Cable - Same side exposure

Notes:
- Cable Width = (# of conductors +1) / (Pitch)
- Span = (# of conductors - 1) / (Pitch)
- Mating Thickness = .012” (300um)
- Insulation = Polyethylene with .002” Flame Retardant Adhesive
- Conductor = Copper Tinned, 0.014” Diameter
- Temperature rating = -55°C to 105°C
- Dielectric Strength = 2500 Volts/Mil
- UL Flame Rating = VW-1
- Insulation Resistance = 10 Megohm min.

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

### Cable Part Numbering Configuration

**XXXRXX - XXXXXX -**

- **Conductor Width**
- **Mating Thickness**
- **Method**
- **Cable Pitch**
- **Length**

**Span** = ( # of conductors -1 ) * ( Pitch )

125 = 1.25MM ( 0.0492” )

Insulation = .002” Polyester with .0015” Flame Retardent Adhesive

<table>
<thead>
<tr>
<th>Width</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>.003” (.076mm)</td>
<td>.011” (.280mm)</td>
</tr>
<tr>
<td>.016” (.406mm)</td>
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</tr>
</tbody>
</table>

Span = ( # of conductors -1 ) * ( Pitch )

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### Cable in bulk form

- **KK**
  - Bulk roll with no exposed conductors and no stiffeners
- **KS**
  - Bulk roll with exposed conductors and no stiffeners
- **KW**
  - Bulk roll with exposed conductors and stiffeners
- **KN**
  - Bulk roll with exposed conductors and stiffeners on reverse side
- **KR**
  - Bulk roll with exposed conductors and different on opposite side
- **KL**
  - Bulk roll with exposed conductors with different and double areas
- **KBN**
  - Bulk roll with exposed conductors and different areas, with cover over
- **KNO**
  - Bulk roll with exposed conductors and different areas, with no cover over
- **KRN**
  - Bulk roll with exposed conductors and different areas, with no cover over

### Cable in piece form

- **B**
  - Bulk roll with no exposed conductors and no stiffeners
- **BN**
  - Bulk roll with no exposed conductors and stiffeners
- **BO**
  - Bulk roll with exposed conductors and no stiffeners
- **BL**
  - Bulk roll with exposed conductors and stiffeners
- **BT**
  - Bulk roll with exposed conductors and stiffeners, with double areas
- **N**
  - Bulk roll with exposed conductors
- **NO**
  - Bulk roll with exposed conductors and different areas
- **NL**
  - Bulk roll with exposed conductors and different areas, with cover over
- **NT**
  - Bulk roll with exposed conductors and different areas, with no cover over
- **L**
  - Bulk roll with exposed conductors, with cover over
- **TT**
  - Bulk roll with bare conductors

### Standard ZIF Cable - Reverse side exposure

Notes:
- **Cable Width** = (# of conductors +1) / (Pitch)
- **Span** = (# of conductors - 1) / (Pitch)
- **Mating Thickness** = .012” (300um)
- **Insulation** = Polyethylene with .002” Flame Retardant Adhesive
- **Conductor** = Copper Tinned, 0.014” Diameter
- **Temperature rating** = -55°C to 105°C
- **Dielectric Strength** = 2500 Volts/Mil
- **UL Flame Rating** = VW-1
- **Insulation Resistance** = 10 Megohm min.

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

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### Standard Dimensions:

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### Additional Information:

- **Standard Part Numbering Configuration**
- **Exposed Conductor**
- **Stiffener**
- **Cable Pitch**
- **Length**
- **Span** = ( # of conductors -1 ) * ( Pitch )
- **Space** = (1 space between orientation and method)

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### Additional Details:

- **Conductor Width**
- **Mating Thickness**
- **Method**
- **Cable Pitch**
- **Length**

- **Span** = ( # of conductors -1 ) * ( Pitch )
- **Space** = (1 space between orientation and method)

### Standard Spec Sheet:

- **Rev.**
- **PS-3705**
- **18377**
- **Sheet 1 of 4**
- **Sheet 2 of 4**

### Additional Notes:

- Bussbar
- NV
- ±.070” (1.778mm)
- ±.030” (.76MM)
- ±.150” (3.810mm)
- ±.005” (.127MM)
- ±.005” (.127MM)
- ±.005” (.127MM)
- ±.005” (.127MM)
- ±.005” (.127MM)
- ±.005” (.127MM)
Standard Part Numbering Configuration

- **Cable Width**: ( # of conductors +1 )*( Pitch )
- **Cable Length**: ( # of conductors -1 )*( Pitch )
- **Stiffener**
- **Margin**
- **Pitch**
- **Conductor Width**
- **Cable Width**
- **Exposed Conductor**
- **Lasered Area**
- **ZIF with Stiffeners both ends Opposite sides**
- **ZIF with Stiffeners one end and Lasered one end**
- **ZIF with no Stiffener one end and Lasered one end**
- **ZIF with no Stiffener one end and Blunt cut one end**
- **ZIF with no Stiffener one end and Bared copper end**
- **ZIF with no Stiffener one end and Copper end**

Notes:
- **Current Rating**: 0.280" ±0.030"
- **Voltage Rating**: 250 Volts/1000V min
- **Dielectric Strength**: 2000 Volts/1000V min
- **Flame Retardant Adhesive**: 0.0015" Flame Retardent Adhesive
- **Adhesive**: Polyurethane with 0.0015" Flame Retardent Adhesive
- **Dimensions**: ±.005" (.127MM)
- **Conductor Width**: ±.050" (1.27MM)
- **Margin**: ±.075" (1.905mm)
- **Stiffener**: ±.100" (2.54mm)
- **Length**: ±.125" (3.175mm)
- **Span**: ±.150" (3.810mm)
- **±.200" (5.08mm)

Cables in bulk form

- **B**: With Differential orientation
- **BN**: With Differential orientation and stiffener on one end
- **BO**: With no Stiffener orientation
- **BL**: With no Stiffener orientation and stiffener on one end
- **BT**: With no Stiffener orientation and Blunt cut one end
- **N**: With no Stiffener orientation and Copper end
- **NO**: With no Stiffener orientation and Copper end and stiffener on one end
- **NL**: With no Stiffener orientation and Bared copper end
- **NT**: With no Stiffener orientation and Bared copper end and stiffener on one end

Cables in piece form

- **K**: With no Stiffener orientation and Copper end
- **KS**: With no Stiffener orientation and Copper end and stiffener on one end
- **KW**: With no Stiffener orientation and Blunt cut one end
- **KN**: With no Stiffener orientation and Blunt cut one end and stiffener on one end
- **KR**: With no Stiffener orientation and Copper end and stiffener on one end
- **KL**: With no Stiffener orientation and Bared copper end and stiffener on one end
- **KBN**: With no Stiffener orientation and Bared copper end and stiffener on one end and stiffener on one end
- **KNO**: With no Stiffener orientation and Bared copper end and stiffener on one end and stiffener on one end
- **KRN**: With no Stiffener orientation and Bared copper end and stiffener on one end and stiffener on one end

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

- **Cable Pitch**
  - 050 = 0.50MM (0.0197")
  - 062 = 0.62MM (0.0244")
  - 100 = 1.00MM (0.0394")
  - 125 = 1.25MM (0.0492")
  - 127 = 1.27MM (0.050")
  - 254 = 2.54MM (0.100")

- **# of Conductors**
- 1 (99) See below note
  (For cables with less than 10 Conductors use only 1 number
  Ex. 10R8-12528 - )

- **Method**
  - = Standard
  - Space (1 space between orientation and method)

- **Orientation of cable ends** (See Sheet 2)

- **Cable length in MM** (Up to 4 spaces, No decimal points)

- **Span** = (# of conductors - 1) * (Pitch)

- **Mating Thickness** = 0.012" (0.305mm)

- **Insulation Resistance** = 10 Megaohm min.

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

- **UL Flame Rating** = VW-1

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

- **Copper Thickness** = 0.0197" (0.500mm) ± 0.005" (0.127MM)

- **Width** = ( # of conductors +1) * (Pitch)

- **Exposed Conductor Length** = ( # of conductors -1) * (Pitch)

- **Exposed Conductors**

- **Exposed Conductor Length** = ( # of conductors -1) * (Pitch)

- **Exposed Conductors**

- **Exposed Conductors**

- **Exposed Conductors**

- **Exposed Conductors**