

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [0923181237](#)  
**Status:** **Active**  
**Overview:** [picoflex](#)  
**Description:** Picoflex® PF-50 IDT-Board In Z-Style, 12 Circuits, 0.37m (1.21' ) Length

**Documents:**  
[3D Model](#) [Product Specification PS-99020-0011 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                        |                          |
|------------------------|--------------------------|
| Product Family         | Cable Assemblies         |
| Series                 | <a href="#">92318</a>    |
| Connector to Connector | Picoflex® PCB-to-IDT     |
| Overview               | <a href="#">picoflex</a> |
| Product Name           | Picoflex®                |

**Physical**

|                                |                                          |
|--------------------------------|------------------------------------------|
| Cable Length                   | 0.37m (1.21' )                           |
| Circuits (Loaded)              | 12                                       |
| Color - Resin                  | Natural                                  |
| Gender                         | Female-Female                            |
| Lock to Mating Part            | None                                     |
| Material - Metal               | Phosphor Bronze                          |
| Material - Plating Mating      | Tin                                      |
| Material - Plating Termination | Tin                                      |
| Material - Resin               | Polyester                                |
| Packaging Type                 | Bag                                      |
| Pitch - Mating Interface (in)  | 0.050 In                                 |
| Pitch - Mating Interface (mm)  | 1.27 mm                                  |
| Plating min: Mating (µin)      | 80.00                                    |
| Plating min: Mating (µm)       | 2.000                                    |
| Plating min: Termination (µin) | 80.00                                    |
| Plating min: Termination (µm)  | 2.00                                     |
| Single Ended                   | No                                       |
| Termination Interface: Style   | IDT or Pierce, Through Hole - Kinked Pin |
| Waterproof / Dustproof         | No                                       |
| Wire Insulation Diameter       | N/A                                      |
| Wire Size AWG                  | 28                                       |
| Wire/Cable Type                | PVC, Ribbon Cable                        |

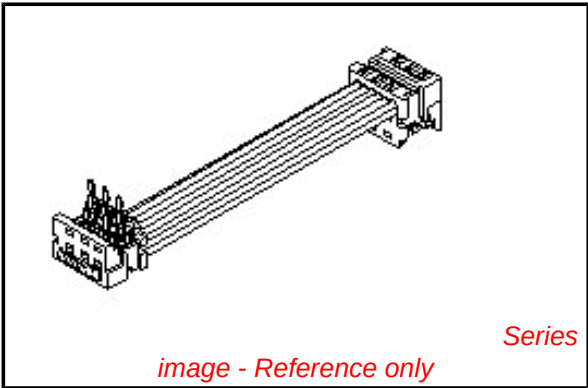
**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 1.2A |
| Voltage - Maximum             | 250V |

**Material Info**

**Reference - Drawing Numbers**

|                       |               |
|-----------------------|---------------|
| Product Specification | PS-99020-0011 |
| Sales Drawing         | SD-92318-001  |



**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
Not Reviewed  
**Halogen-Free**  
**Status**  
**Not Reviewed**

**China RoHS**



**Need more information on product environmental compliance?**

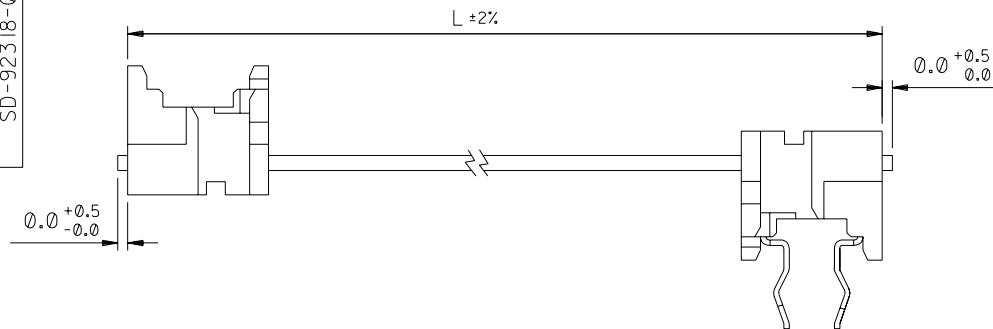
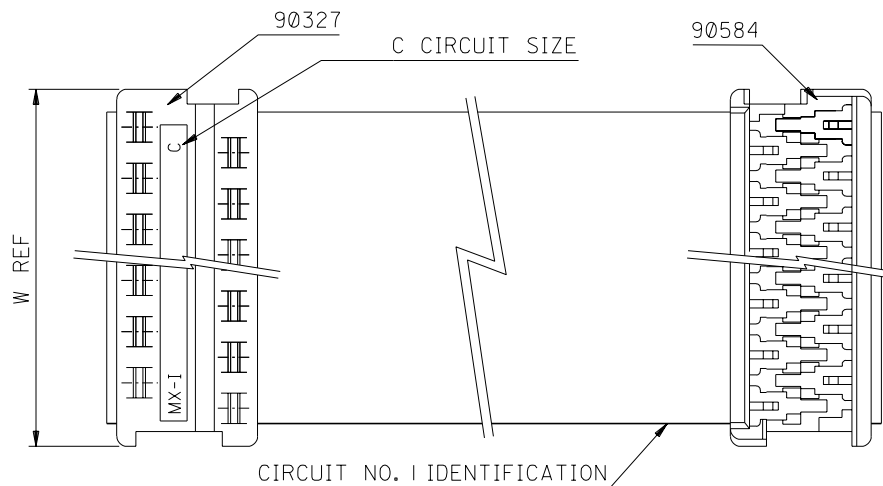
Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
[92318Series](#)

**Mates With**  
Picoflex® PF-50 Header [90325](#) , [90800](#) ,  
[90779](#) , [90715](#) , [90814](#)

PART NO. SEE CHART  
Dwg. NO. SD-92318-001



## ORDERING INFORMATION

92318-\*\*\*\*

CIRCUIT SIZE  
LENGTH L IN CENTIMETRES

LENGTHS AVAILABLE FROM 6 CM TO 120 CM

e.g. 92318-1208 = 12 CIRCUIT  
WITH LENGTH L OF 8 CM.

NOTE : FOR LENGTHS OF  
100 CM , THE PART NO. IS 92318-\*\*\*01  
105 CM , THE PART NO. IS 92318-\*\*\*02  
110 CM , THE PART NO. IS 92318-\*\*\*03  
115 CM , THE PART NO. IS 92318-\*\*\*04  
120 CM , THE PART NO. IS 92318-\*\*\*05

## 90327 CONNECTOR

| CIRCUIT SIZE | DIMENSION W |
|--------------|-------------|
| 4            | 7.59        |
| 6            | 10.13       |
| 8            | 12.67       |
| 10           | 15.21       |
| 12           | 17.75       |
| 14           | 20.29       |
| 16           | 22.83       |
| 18           | 25.37       |
| 20           | 27.91       |
| 22           | 30.45       |
| 24           | 32.99       |
| 26           | 35.53       |

## 90584 CONNECTOR

| CIRCUIT SIZE | DIMENSION W |
|--------------|-------------|
| 4            | 7.59        |
| 6            | 10.13       |
| 8            | 12.67       |
| 10           | 15.21       |
| 12           | 17.75       |
| 14           | 20.29       |
| 16           | 22.83       |
| 18           | 25.37       |
| 20           | 27.91       |
| 22           | 30.45       |
| 24           | 32.99       |
| 26           | 35.53       |

### CABLE DETAILS:

28 AWG , 1.27 MM PITCH , 7 STRANDS WITH TINNED COPPER ,  
GREY PVC INSULATION WITH A COLOURED POLARITY STRIPE  
INDICATING CIRCUIT NO. 1, UL 2651.

### NOTES:

1. SEE PRODUCT SPECIFICATIONS PS-99020-0011.
2. SEE TERMINATION SPECIFICATION ES-99033-0001.
3. SEE TERMINATION SPECIFICATION ES-99033-0002.
4. SEE CABLE SPECIFICATION ES-99027-0006.
5. HARNESES WILL BE 100% ELECTRICALLY TESTED FOR  
SHORTS AND DISCONTINUITIES.

|                                                                                         |                                      |                    |                                                                                                                                   |                                         |                                                                      |                                                                                      |                           |                                                                                                                      |                             |                     |     |
|-----------------------------------------------------------------------------------------|--------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------|-----|
| REF DIM ADDED<br>EC NO. 2003-0499<br>DRAWN: P.FINN 02/11/13<br>CHK: / / /<br>APP: / / / | QUALITY SYMBOLS<br>MAJOR<br>CRITICAL | DESCRIPTION<br>REV | GENERAL TOLERANCES:<br>(UNLESS SPECIFIED)                                                                                         |                                         | SCALE<br>4 : 1                                                       | DESIGN UNITS<br><input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH | THIRD ANGLE<br>PROJECTION | DIMENSIONS:<br><input type="checkbox"/> mm <input type="checkbox"/> INCH <input checked="" type="checkbox"/> mm ONLY |                             | SHT                 | REV |
|                                                                                         |                                      |                    | 4 PLACES ±0. ±.                                                                                                                   | DRAWN BY & DATE<br>MCURRAN 98/06/24     | TITLE: PICO FLEX IDT TO BOARD-IN<br>STANDARD ASSEMBLIES<br>(Z-STYLE) |                                                                                      |                           | MATERIAL NO.<br>SEE CHART                                                                                            | DRAWING NO.<br>SD-92318-001 | SHEET NO.<br>1 OF 1 |     |
|                                                                                         |                                      |                    | 3 PLACES ±0. ±.                                                                                                                   | CHECKED BY & DATE<br>AMCANN 98/06/24    | MOLEX INCORPORATED                                                   |                                                                                      |                           |                                                                                                                      |                             |                     |     |
|                                                                                         |                                      |                    | 2 PLACES ±0. ±.                                                                                                                   | APPROVED BY & DATE<br>MWILHITE 98/06/24 |                                                                      |                                                                                      |                           |                                                                                                                      |                             |                     |     |
| ANGULAR: ± 1/2 °                                                                        |                                      |                    | CAD FILENAME                                                                                                                      |                                         |                                                                      |                                                                                      |                           |                                                                                                                      |                             |                     |     |
| DRAFT WHERE APPLICABLE MUST<br>REMAIN WITHIN DIMENSIONS                                 |                                      |                    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. |                                         |                                                                      |                                                                                      |                           |                                                                                                                      |                             |                     |     |