

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0923152008](#)  
**Status:** **Active**  
**Overview:** [picoflex](#)  
**Description:** Picoflex® PF-50 IDT-to-IDT, 20 Circuits, 0.08m (3.15") 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="#">92315</a>    |
| Connector to Connector | Picoflex® IDT-to-IDT     |
| Overview               | <a href="#">picoflex</a> |
| Product Name           | Picoflex®                |

**Physical**

|                                |                   |
|--------------------------------|-------------------|
| Cable Length                   | 0.08m (3.15")     |
| Circuits (Loaded)              | 20                |
| 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     |
| 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 |
| Shielded                      | No   |
| Voltage - Maximum             | 250V |

**Material Info**

**Reference - Drawing Numbers**

|                       |               |
|-----------------------|---------------|
| Product Specification | PS-99020-0011 |
| Sales Drawing         | SD-92315-001  |



**EU RoHS**

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

**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**

[92315Series](#)

**Mates With**

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

PART NO. SEE CHART  
 DWG. NO. SD-92315-001



| 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       |

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.

ORDERING INFORMATION

92315-\*\*\*\*  
 CIRCUIT SIZE  
 LENGTH L IN CENTIMETRES  
 LENGTHS AVAILABLE FROM 6 CM TO 120 CM  
 e.g. 92315-1208 = 12 CIRCUIT  
 WITH LENGTH L OF 8 CM.

NOTE : FOR LENGTHS OF  
 100 CM , THE PART NO. IS 92315-\*\*01  
 105 CM , THE PART NO. IS 92315-\*\*02  
 110 CM , THE PART NO. IS 92315-\*\*03  
 115 CM , THE PART NO. IS 92315-\*\*04  
 120 CM , THE PART NO. IS 92315-\*\*05

NOTES:

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

|   |  |   |   |   |  |                               |  |           |     |
|---|--|---|---|---|--|-------------------------------|--|-----------|-----|
| ADDED OPTION<br>EC NO. 2002-1088<br>DRAWN: MKUBOVCI 02/06/07<br>CHK: / / / /<br>APPR: / / / / | QUALITY SYMBOLS<br>MAJOR =<br>CRITICAL = | 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<br> | DIMENSIONS:<br><input type="checkbox"/> mm <input type="checkbox"/> INCH<br><input type="checkbox"/> mm <input checked="" type="checkbox"/> ONLY | SHT       | REV |
|   |  | 4 PLACES ±0.1                             | ± | DRAWN BY & DATE<br>MCURRAN 98/06/19   | TITLE: PICO FLEX IDT TO IDT<br>STANDARD ASSEMBLIES                                   |                               |  |           |     |
| REV   | DESCRIPTION                              | 3 PLACES ±0.1                             | ± | CHECKED BY & DATE<br>AMcCANN 98/06/19   | APPROVED BY & DATE<br>MWILHITE 98/06/19  |                               | MOLEX INCORPORATED   |           |     |
|   |  | 2 PLACES ±0.1                             | ± | CAD FILENAME<br>S92315X1.DGN  | MATERIAL NO.<br>SEE CHART  | DRAWING NO.<br>SD-92315-001   | SHEET NO.<br>1 OF 1  | SIZE<br>B |     |
| DRAFT WHERE APPLICABLE MUST<br>REMAIN WITHIN DIMENSIONS                                       |  | ANGULAR: ± 1/2°                           |   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. |  |                               |  |           |     |