

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

**Part Number:** [0923160415](#)  
**Status:** **Active**  
**Overview:** [picoflex](#)  
**Description:** Picoflex® PF-50 IDT-Board In, 4 Circuits, 0.15m (5.91") 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="#">92316</a>    |
| Connector to Connector | Picoflex® PCB-to-IDT     |
| Overview               | <a href="#">picoflex</a> |
| Product Name           | Picoflex®                |

**Physical**

|                                |                                          |
|--------------------------------|------------------------------------------|
| Cable Length                   | 0.15m (5.91")                            |
| Circuits (Loaded)              | 4                                        |
| 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                        |

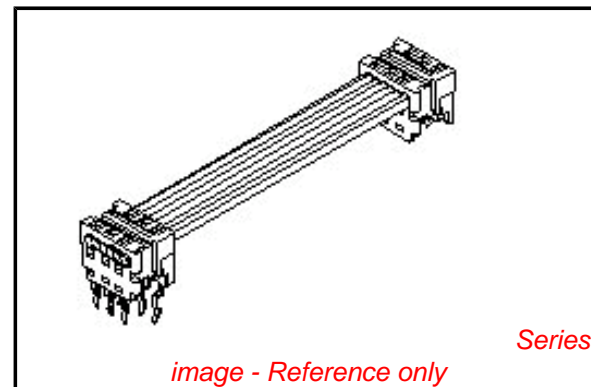
**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 1.2A |
| Shielded                      | No   |
| Voltage - Maximum             | 250V |

**Material Info**

**Reference - Drawing Numbers**

|                       |               |
|-----------------------|---------------|
| Product Specification | PS-99020-0011 |
| Sales Drawing         | SD-92316-001  |



*image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Contains SVHC: No**  
**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.

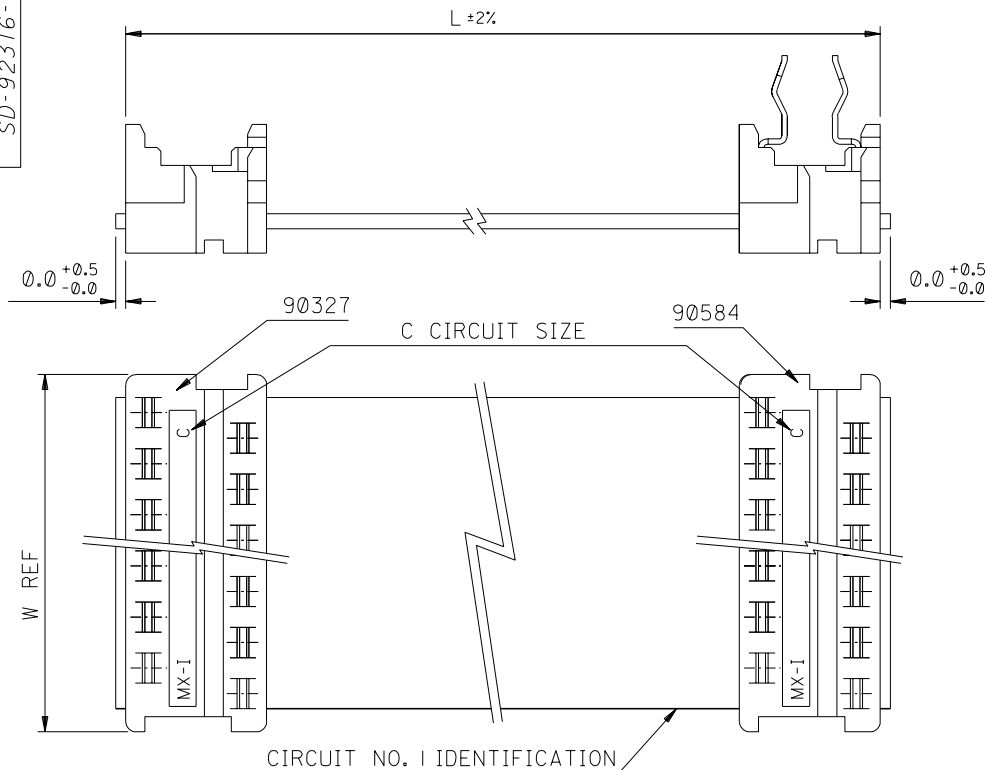
**Search Parts in this Series**

[92316Series](#)

**Mates With**

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

PART NO. SEE CHART  
 DWG. NO. SD-92316-001



| 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       |

| 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. HARNESSES WILL BE 100% ELECTRICALLY TESTED FOR SHORTS AND DISCONTINUITIES.

### ORDERING INFORMATION

92316-\*\*\*\*  
 CIRCUIT SIZE  
 LENGTH L IN CENTIMETRES  
 LENGTHS AVAILABLE FROM 6 CM TO 120 CM  
 e.g. 92316-1208 = 12 CIRCUIT  
 WITH LENGTH L OF 8 CM.

NOTE : FOR LENGTHS OF  
 100 CM , THE PART NO. IS 92316-\*\*\*01  
 105 CM , THE PART NO. IS 92316-\*\*\*02  
 110 CM , THE PART NO. IS 92316-\*\*\*03  
 115 CM , THE PART NO. IS 92316-\*\*\*04  
 120 CM , THE PART NO. IS 92316-\*\*\*05

REF DIM ADDED  
 EC NO. 2003-0374  
 DRAWN: P.FINN 02/10/21  
 CHK: / / / /  
 APPR: / / / /  
 C

QUALITY SYMBOLS  
 MAJOR =  
 CRITICAL =  
 REV

GENERAL TOLERANCES:  
 (UNLESS SPECIFIED)  

|          |     |      |
|----------|-----|------|
|          | mm  | INCH |
| 4 PLACES | ±0. | ±.   |
| 3 PLACES | ±0. | ±.   |
| 2 PLACES | ±0. | ±.   |
| 1 PLACE  | ±0. | ±.   |

 ANGULAR: ± 1/2°  
 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 4 : 1  
 DESIGN UNITS  
 mm  INCH  
 DRAWN BY & DATE  
 MCURRAN 98/06/19  
 CHECKED BY & DATE  
 AMcCANN 98/06/19  
 APPROVED BY & DATE  
 MWILHITE 98/06/19  
 CAD FILENAME  
 S92316X1.DGN

DIMENSIONS:  
 mm  INCH  
 mm  ONLY  
 THIRD ANGLE PROJECTION  
 TITLE: PICO FLEX IDT TO BOARD-IN STANDARD ASSEMBLIES  
 MOLEX INCORPORATED  
 MATERIAL NO. SEE CHART  
 DRAWING NO. SD-92316-001  
 SHEET NO. 1 OF 1

SHT REV  
 REVISE ON CAD ONLY  
 SIZE B