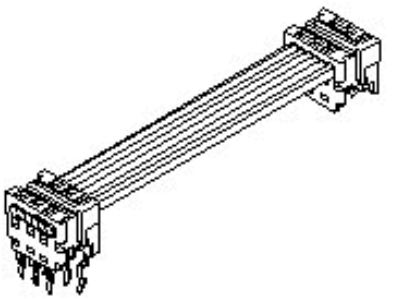
This document was generated on 05/28/2010

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

**Part Number:** 0923161412
**Status:** Active
**Overview:** picoflex
**Description:** Picoflex® PF-50 IDT-Board In, 14 Circuits, 0.12m (4.72") Length



*Series image - Reference only*

**Documents:**

3D Model
Drawing (PDF)
Product Specification PS-99020-0011 (PDF)
RoHS Certificate of Compliance (PDF)

## General

| | |
|---|---|
| Product Family | Cable Assemblies |
| Series | 92316 |
| Connector to Connector | Picoflex® PCB-to-IDT |
| Overview | picoflex |
| Product Name | Picoflex® |

## Physical

| | |
|---|---|
| Cable Length | 0.12m (4.72") |
| Circuits (Loaded) | 14 |
| 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 |

**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
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

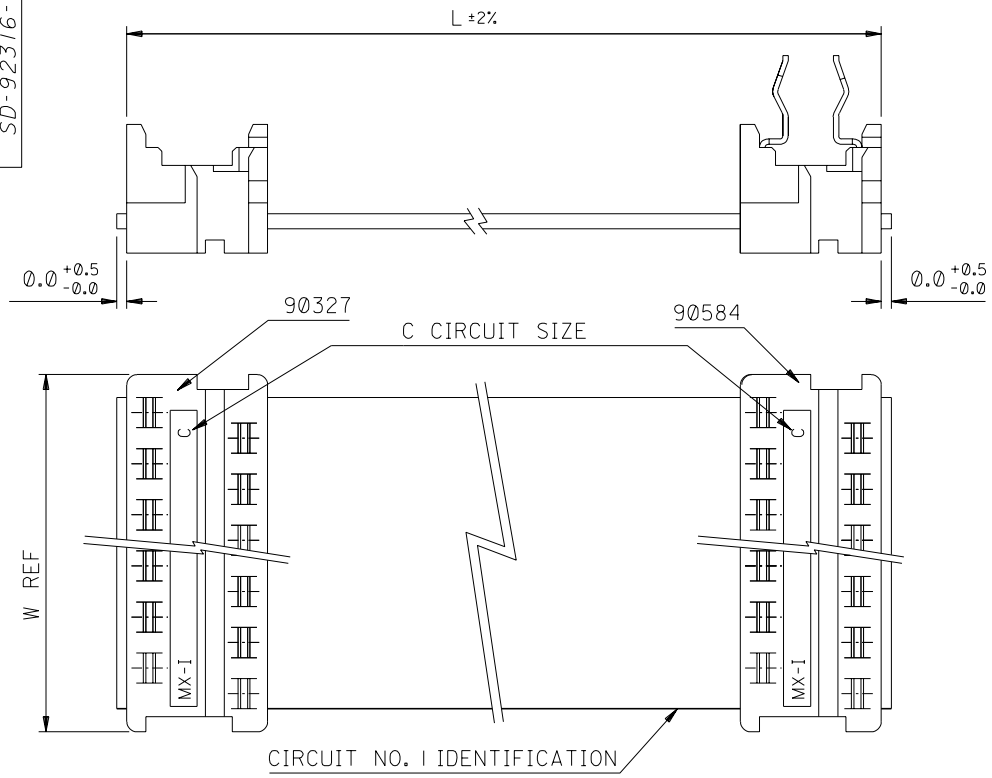
**Search Parts in this Series**
92316Series

**Mates With**
Picoflex® PF-50 Header 90325 , 90800 , 90779 , 90715 , 90814

This document was generated on 05/28/2010

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

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.

## 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

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

REF DIM ADDED
EC NO. 2003-0374 02/10/21
DRWN: P.FINN / /
CH'K: / /
APPR: / /
DESCRIPTION
C
REV

QUALITY SYMBOLS
MAJOR =
CRITICAL (C) =

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
THIRD ANGLE PROJECTION
DIMENSIONS: ☐ mm/INCH ☐ INCH/mm ☒ mm ONLY
SHT REV
REVISE ON CAD ONLY

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
MATERIAL NO. SEE CHART
DRAWING NO. SD-92316-001
SHEET NO. 1 OF 1

TITLE: PICOFLEX IDT TO BOARD-IN STANDARD ASSEMBLIES

MOLEX INCORPORATED

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SIZE B

7132-1283