

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0923160414](#)
Status: **Active**
Overview: [picoflex](#)
Description: Picoflex® PF-50 IDT-Board In, 4 Circuits, 0.14m (5.51") Length

Documents:

[3D Model](#) [Product Specification PS-99020-0011 \(PDF\)](#)
[Drawing \(PDF\)](#) [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	0.14m (5.51")
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

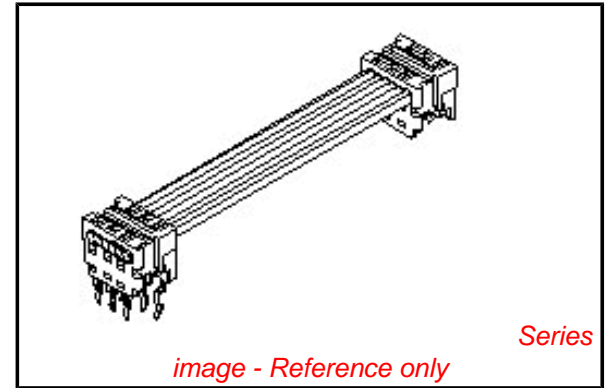
Electrical

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



EU RoHS

China RoHS

Compliance Status

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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.

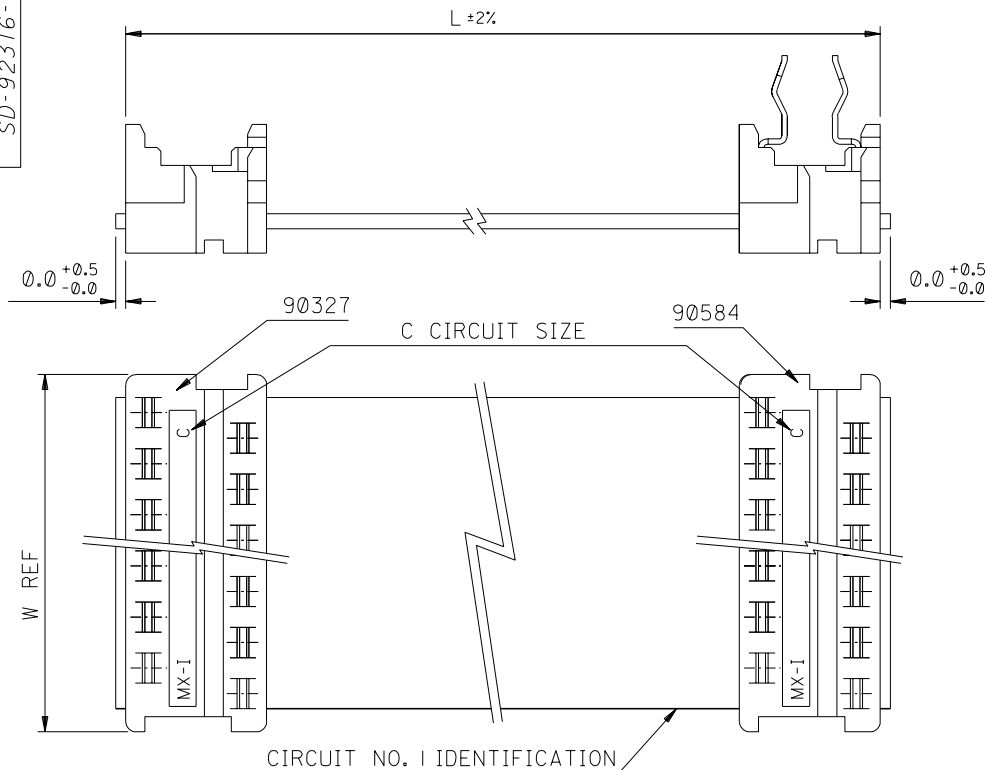
Search Parts in this Series

[92316Series](#)

Mates With

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

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 =
 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
 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
 SHT REV
 REVISE ON CAD ONLY
 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
 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.