

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0923160609
Status: Active
Overview: picoflex
Description: Picoflex® PF-50 IDT-Board In, 6 Circuits, 0.09m (3.54") 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 0.09m (3.54")
Circuits (Loaded) 6
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

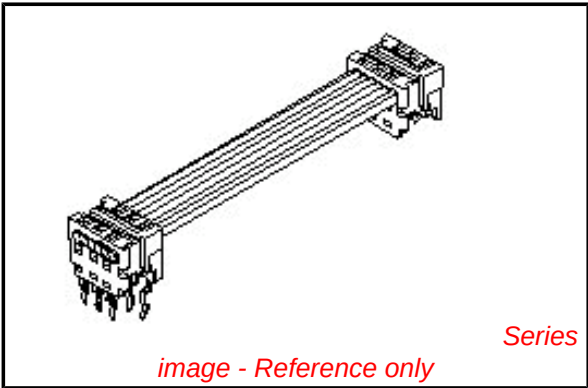
Electrical

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

China RoHS



Need more information on product environmental compliance?

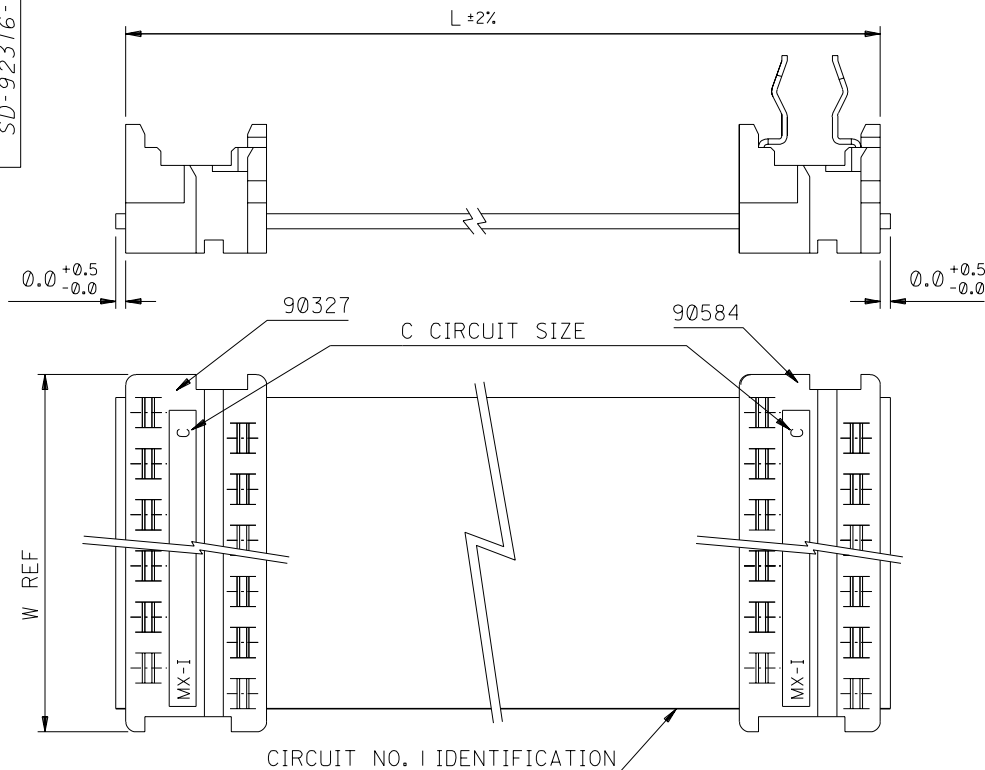
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

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



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

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.

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

QUALITY SYMBOLS
MAJOR
CRITICAL

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

TITLE: PICOFLEX IDT TO BOARD-IN
STANDARD ASSEMBLIES

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.