![molex logo](molex - one company > a world of innovation)

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:	**0923150450**
Status:	**Active**
Overview:	picoflex
Description:	Picoflex® PF-50 IDT-to-IDT, 4 Circuits, 0.50m (1.64') Length

Documents:
3D Model
Drawing (PDF)

Product Specification PS-99020-0011 (PDF)
RoHS Certificate of Compliance (PDF)

Series
image - Reference only

General

Product Family	Cable Assemblies
Series	92315
Connector to Connector	Picoflex® IDT-to-IDT
Overview	picoflex
Product Name	Picoflex®

Physical

Cable Length	0.50m (1.64')
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
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
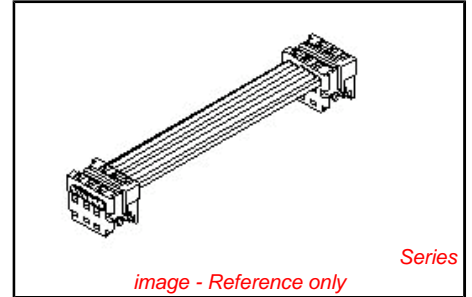
EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
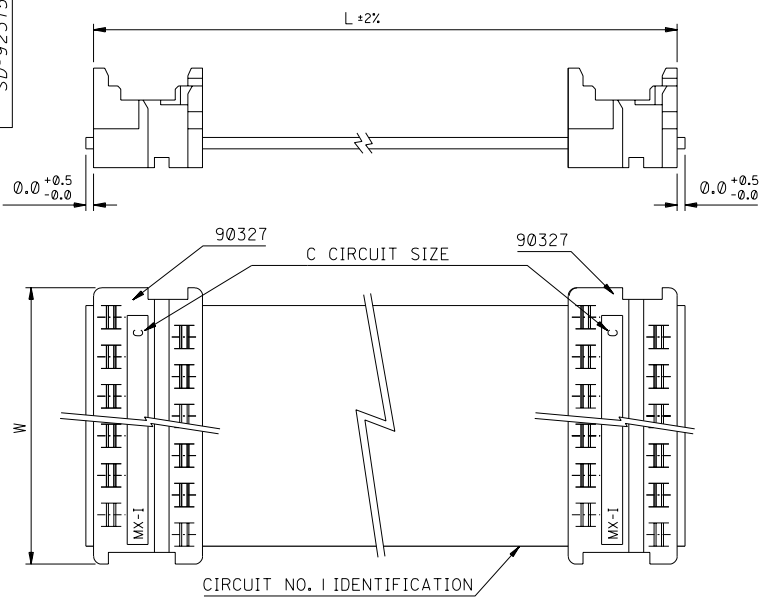For a multiple part number RoHS Certificate of Compliance, click here

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

Search Parts in this Series
92315Series

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

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

L ±2%

0.0 +0.5 -0.0

0.0 +0.5 -0.0

90327   90327

C CIRCUIT SIZE

W

MX-I   MX-I

CIRCUIT NO.1 IDENTIFICATION

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
EC NO. 2002-1088
DRWN=MKUB0VC1 02/06/07
CHK:
APPR:
B
REV

DESCRIPTION

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

DRAWN BY & DATE
MCURRAN   98/06/19

CHECKED BY & DATE
AMcCANN   98/06/19

APPROVED BY & DATE
MWILHITE   98/06/19

CAD FILENAME
S92315X1.DGN

MATERIAL NO.
SEE CHART

DIMENSIONS:
☐mm/INCH ☐INCH/mm ☒mm ONLY

SHT   REV
REVISE ON CAD ONLY

TITLE: PICOFLEX IDT TO IDT
STANDARD ASSEMBLIES

molex MOLEX INCORPORATED

DRAWING NO.
SD-92315-001

SHEET NO.
1 OF 1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

SIZE B

7132-1283