

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0923151810](#)
Status: **Active**
Overview: [picoflex](#)
Description: Picoflex® PF-50 IDT-to-IDT, 18 Circuits, 0.10m (3.94") Length

Documents:

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

General

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

Physical

Cable Length	0.10m (3.94")
Circuits (Loaded)	18
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
Contains SVHC: No**
**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](#)

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



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

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 DRAWN: MKUBOVCI 02/06/07 CHK: / / / / APPR: / / / /	QUALITY SYMBOLS MAJOR = CRITICAL =	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 4 : 1	DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	THIRD ANGLE PROJECTION 	DIMENSIONS: <input type="checkbox"/> mm <input type="checkbox"/> INCH <input type="checkbox"/> mm <input checked="" type="checkbox"/> ONLY	SHT	REV
		4 PLACES ±0.1	±	DRAWN BY & DATE MCURRAN 98/06/19	TITLE: PICO FLEX IDT TO IDT STANDARD ASSEMBLIES				
REV B	DESCRIPTION	3 PLACES ±0.1	±	CHECKED BY & DATE AMcCANN 98/06/19	APPROVED BY & DATE MWILHITE 98/06/19		MATERIAL NO. DRAWING NO. SHEET NO. SEE CHART SD-92315-001 1 OF 1		
		2 PLACES ±0.1	±	CAD FILENAME S92315X1.DGN		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE B	
		1 PLACE ±0.1	±	ANGULAR: ± 1/2 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			