

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0923161607

Status:

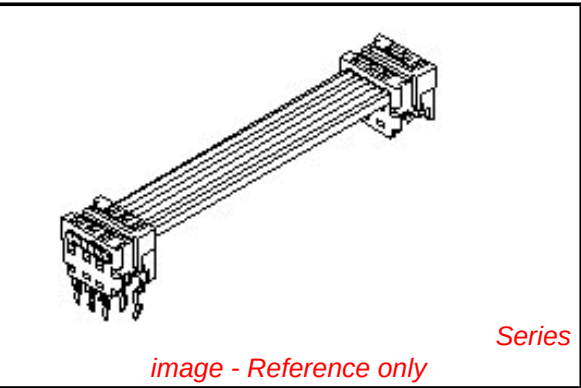
Active

Overview:

[picoflex](#)

Description:

Picoflex® PF-50 IDT-Board In, 16 Circuits, 0.07m (2.76") Length



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	0.07m (2.76")
Circuits (Loaded)	16
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](#)

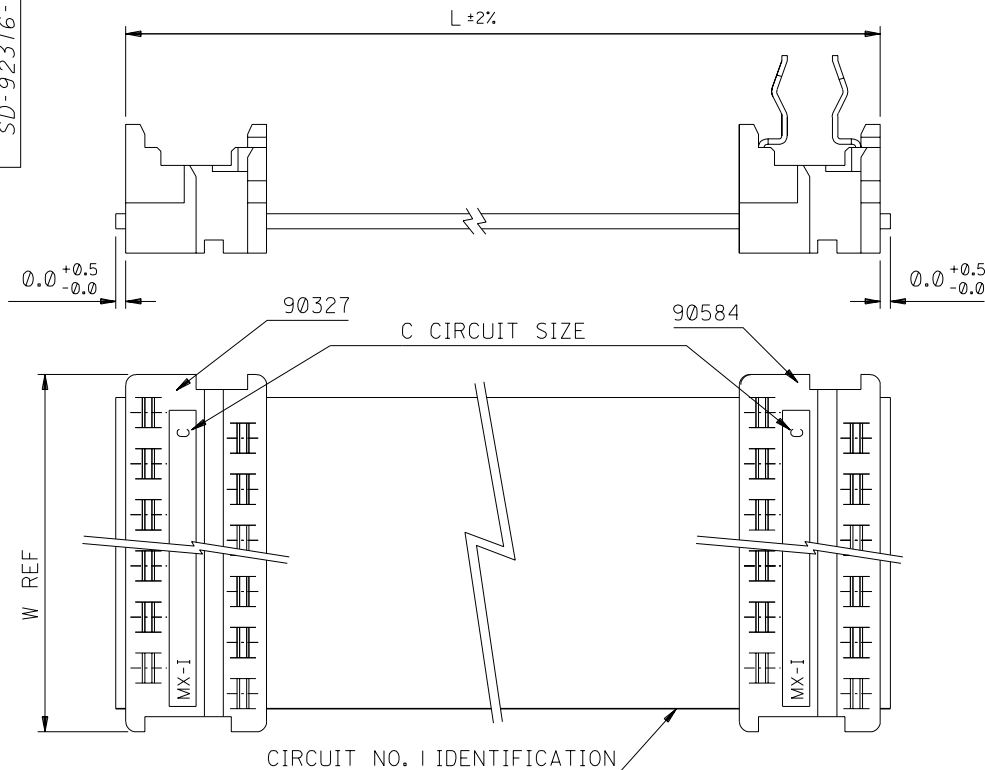
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[92316Series](#)

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

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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

DIMENSIONS:
☐ mm ☐ INCH ☒ mm ☐ INCH ONLY

SHT REV
REVISE ON CAD ONLY

TITLE: PICO FLEX IDT TO BOARD-IN
STANDARD ASSEMBLIES

Molex MOLEX INCORPORATED

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

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