

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0905841310

Status:

Active

Overview:

Picoflex® Ribbon-Cable Connectors

Description:

1.27mm Pitch Picoflex® PF-50 IDT Receptacle, Low Profile, Board-In, 10 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-99020-0011 (PDF)

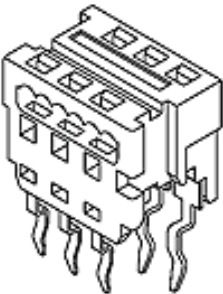
Packaging Specification PK-90584-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification		
UL		E29179
General		
Product Family		Ribbon Cable / Wire Trap Connectors
Series		90584
Comments		Low Profile
Component Type		One Piece
Glow-Wire Compliant		No
MolexKits		Yes
Overview		Picoflex® Ribbon-Cable Connectors
Product Name		Board-In, Picoflex®
UPC		800753756243

Physical		
Circuits (Loaded)		10
Color - Resin		Natural
Durability (mating cycles max)		30
Entry Angle		90° Angle
Flammability		94V-0
Lock to Mating Part		None
Material - Metal		Phosphor Bronze
Material - Plating Mating		Tin
Material - Plating Termination		Tin
Material - Resin		Polyester
Net Weight		0.680/g
Number of Rows		2
PCB Locator		No
PCB Retention		Yes
PCB Thickness - Recommended		1.60mm
Packaging Type		Tube
Pitch - Mating Interface		1.27mm
Plating min - Mating		2.032µm
Plating min - Termination		2.032µm
Polarized to Mating Part		N/A
Polarized to PCB		Yes
Stackable		No
Surface Mount Compatible (SMC)		No
Temperature Range - Operating		-40°C to +105°C
Termination Interface: Style		Through Hole - Kinked Pin
Wire Insulation Diameter		1.00mm max.
Wire Size AWG		26, 28
Wire/Cable Type		Ribbon Cable

Electrical		
Current - Maximum per Contact		1.2A
Voltage - Maximum		250V



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per - ED/21/2016 (20 June 2016)

Halogen-Free Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

90584 Series

Mates With

N/A

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	230

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-90584-001-001
Product Specification	PS-99020-0011
Sales Drawing	SDA-90584

This document was generated on 01/12/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION