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Part Number:	**0905841314**
Status:	**Active**
Description:	1.27mm (.050") Pitch Picoflex® PF-50 IDT Receptacle, Low Profile, Board-In, 14 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification ES-99033-0002 (PDF)

Product Specification PS-99020-0011 (PDF)

RoHS Certificate of Compliance (PDF)

Series image - Reference only

General

Product Family	Ribbon Cable / Wire Trap Connectors
Series	90584
Comments	Low Profile
Component Type	One Piece
Glow-Wire Compliant	No
Product Name	Board-In
Product Name	Picoflex®

Physical

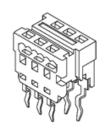|	
Circuits (Loaded)	14
Color - Resin	Natural
Durability (mating cycles max)	30
Entry Angle	90° Angle
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	2
PCB Locator	No
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.050 In
Pitch - Mating Interface (mm)	1.27 mm
Plating min: Mating (µin)	80.00
Plating min: Mating (µm)	2.00
Plating min: Termination (µin)	80.00
Plating min: Termination (µm)	2.00
Polarized to Mating Part	N/A
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40℃ to +105℃
Termination Interface: Style	Through Hole - Kinked Pin
Wire Insulation Diameter	1.00mm (.039") max.
Wire Size AWG	26
Wire Size AWG	28
Wire/Cable Type	Ribbon Cable

Electrical

Current - Maximum	1.2A
Voltage - Maximum	250V

Material Info

EU RoHS | **China RoHS**

ELV and RoHS Compliant

REACH SVHC
Contains SVHC: No

Halogen-Free Status
Not Reviewed

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the Contact Us section for any non-product compliance questions.

Lead-free Process Capability	Wave Capable (TH only)

Search Parts in this Series
90584 Series

Mates With
N/A

Application Tooling | **FAQ**

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.
Global

Description	Product #
Arbor Press Fixture	0690201902
Handtool for 90327, 90584 and 91577 Picoflex® Connectors, 4-26 Circuit	0690081090
Semi-Automatic Bench Press PB16 with Auto De-tubing for 90854 Connectors	0691271010

Arbor Press Fixture   0690201908
for 91577 Picoflex®
Connectors

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