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Part Number: [0905841326](#)
Status: **Active**
Description: 1.27mm (.050") Pitch Picoflex® PF-50 IDT Receptacle, Low Profile, Board-In, 26 Circuits

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification ES-99033-0002 \(PDF\)](#)
[Product Specification PS-99020-0011 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

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, Picoflex®

Physical

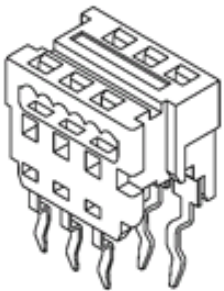
Circuits (Loaded) 26
Color - Resin Natural
Durability (mating cycles max) 30
Entry Angle 90° Angle
Lock to Mating Part None
Material - Metal Phosphor Bronze
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Polyester
Number of Rows 2
PCB Locator No
PCB Retention Yes
PCB 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°C to +105°C
Termination Interface: Style Through Hole - Kinked Pin
Wire Insulation Diameter 1.00mm (.039") max.
Wire Size AWG 26, 28
Wire/Cable Type Ribbon Cable

Electrical

Current - Maximum 1.2A
Voltage - Maximum 250V

Solder Process Data

Lead-free Process Capability Wave Capable (TH only)



Series

image - Reference only

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

[90584Series](#)

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

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

ES-99033-0002, PS-99020-0011
SDA-90584

tubing for 90854
Connectors
Arbor Press Fixture 0690201908
for 91577 Picoflex®
Connectors

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