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Part Number: **0905841316**
Status: **Active**
Description: 1.27mm (.050") Pitch Picoflex® PF-50 IDT Receptacle, Low Profile, Board-In, 16 Circuits

Documents:

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

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
Product Name	Picoflex®

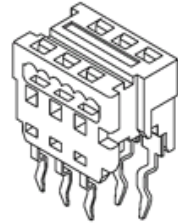
Physical

Circuits (Loaded)	16
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
Wire Size AWG	28
Wire/Cable Type	Ribbon Cable

Electrical

Current - Maximum	1.2A
Voltage - Maximum	250V

Solder Process Data



Series image - Reference only

EU RoHS

ELV and RoHS Compliant

REACH SVHC Contains SVHC: No Halogen-Free Status

Not Halogen-Free

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



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	0690081090
90327, 90584 and 91577 Picoflex® Connectors, 4-26 Circuit	
Semi-Automatic Bench Press PB16 with Auto De-tubing for 90854 Connectors	0691271010

Lead-free Process Capability

Wave Capable (TH only)

Arbor Press Fixture [0690201908](#)
for 91577 Picoflex®
Connectors

Material Info

Reference - Drawing Numbers

Product Specification

ES-99033-0002

Product Specification

PS-99020-0011

Sales Drawing

SDA-90584

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