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Part Number: [0905841312](#)
Status: **Active**
Overview: [Picoflex Ribbon-Cable Connectors](#)
Description: 1.27mm Pitch Picoflex PF-50 IDT Receptacle, Low Profile, Board-in, 12 Circuits

Documents:

3D Model	Product Specification PS-99020-0011-001 (PDF)
Drawing (PDF)	Packaging Specification PK-90584-001-001 (PDF)
3D Model (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 Capable	No
Overview	Picoflex Ribbon-Cable Connectors
Product Name	Board-in, Picoflex
UPC	800753662193

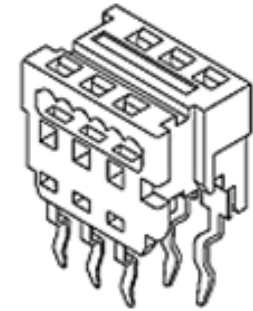
Physical

Circuits (Loaded)	12
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	0.802/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° 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

Solder Process Data



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

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 #
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PremiumGrade	690081090
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Hand Crimp Tool
for Picoflex PF-50
IDT Receptacle,
4-26 Circuits, 26
or 28 AWG Flat
Cable, 1.00mm max.
thickness

Arbor Press Fixture	690201902
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Arbor Press Fixture	690201908
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Lead-freeProcess Capability

WAVE

Material Info

Reference - Drawing Numbers

Packaging Specification

PK-90584-001-001

Product Specification

PS-99020-0011-001

Sales Drawing

SDA-90584-001, SDA-90584-002

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[609-3404](#) [61062-3](#) [622-0430](#) [622-3653LF](#) [63453-116](#) [636-1030](#) [636-1427](#) [636-3427](#) [636-4007](#) [641938-9](#) [641991-4](#) [644827-2](#) [65817-010LF](#)
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