

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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](#) [Packaging Specification PK-90584-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-99020-0011 \(PDF\)](#)

Agency Certification

UL E29179

General

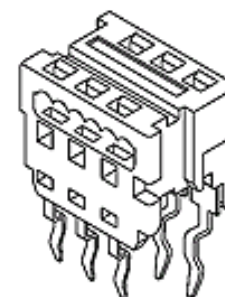
Product Family Ribbon Cable / Wire Trap Connectors
 Series [90584](#)
 Comments Low Profile
 Component Type One Piece
 Glow-Wire Compliant No
 MolexKits Yes
 Overview [Picoflex® Ribbon-Cable Connectors](#)
 Product Name Board-In, Picoflex®
 UPC 800753662193

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°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

REACH SVHC

Not Contained Per -
 ED/30/2017 (7 July
 2017)

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

Lead-free Process Capability

WAVE

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 08/02/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION