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Part Number: [0903270318](#)
Status: **Active**
Overview: [Picoflex® Ribbon-Cable Connectors](#)
Description: [Picoflex® PF-50, Low Profile, IDT Receptacle, 18 Circuits, White, Tin \(Sn\) Plated, Bag](#)

Documents:

[3D Model](#) [Packaging Specification PK-90327-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-99020-0011 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

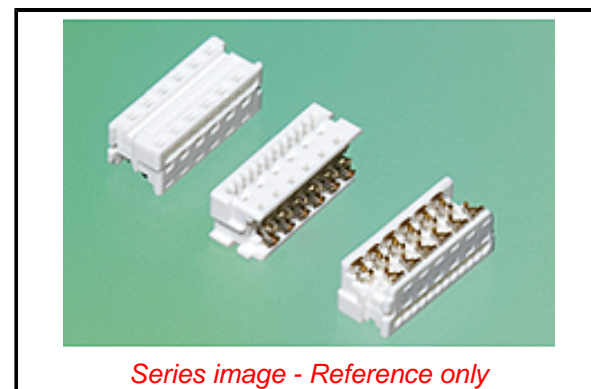
Product Family Ribbon Cable / Wire Trap Connectors
 Series [90327](#)
 Comments Low Profile
 Component Type Housing
 Glow-Wire Compliant No
 Overview [Picoflex® Ribbon-Cable Connectors](#)
 Product Name Picoflex®
 UPC 800753538160

Physical

Circuits (Loaded) 18
 Circuits (maximum) 18
 Color - Resin White
 Durability (mating cycles max) 30
 Entry Angle Vertical
 Flammability 94V-0
 Lock to Mating Part Yes
 Material - Metal Phosphor Bronze
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Polyester
 Net Weight 1.073/g
 Number of Rows 2
 PCB Locator No
 PCB Retention None
 Packaging Type Bag
 Pitch - Mating Interface 1.27mm
 Pitch - Termination Interface 1.27mm
 Polarized to Mating Part Yes
 Polarized to PCB No
 Shrouded Fully
 Stackable No
 Surface Mount Compatible (SMC) N/A
 Temperature Range - Operating -40°C to +105°C
 Termination Interface: Style IDT or Pierce
 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/21/2016 (20 June
 2016)

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

[90327 Series](#)

Mates With

Low Profile Vertical [90325](#) , Low Profile
 Right Angle [90800](#) , [90715](#) , [90814](#) , [90779](#)
 Vertical, [91714](#) 1.27mm Pitch Picoflex®
 PF-50 Header

Solder Process Data

Lead-free Process Capability

N/A

Material Info**Reference - Drawing Numbers**

Packaging Specification

PK-90327-001-001

Product Specification

PS-99020-0011

Sales Drawing

SDA-90327

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