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Part Number: [0903270306](#)
Status: **Active**
Description: 1.27mm (.050") Pitch Picoflex® PF-50, Low Profile, IDT Receptacle, 6 Circuits, Natural, Thin Plated

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

General

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

Physical

Circuits (Loaded) 6
Color - Resin Natural
Durability (mating cycles max) 30
Entry Angle 90° Angle
Flammability 94V-0
Lock to Mating Part Yes
Material - Metal Phosphor Bronze
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Polyester
Number of Rows 2
PCB Retention None
Packaging Type Bag
Pitch - Mating Interface (in) 0.050 In
Pitch - Mating Interface (mm) 1.27 mm
Plating min: Mating (µin) 80.00
Plating min: Mating (µm) 2.000
Plating min: Termination (µin) 80.00
Plating min: Termination (µm) 2.00
Polarized to Mating Part Yes
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 (.039") max.
Wire Size AWG 26
Wire Size AWG 28
Wire/Cable Type Ribbon Cable

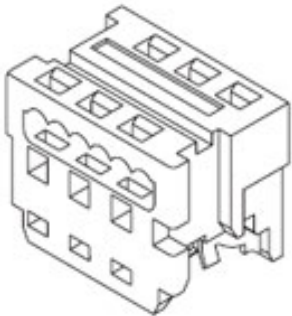
Electrical

CSA LR19980
Current - Maximum 1.2A
UL E29179
Voltage - Maximum 250V

Material Info

Reference - Drawing Numbers

Sales Drawing SDA-90327



Series image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

**Contains SVHC: No
Halogen-Free
Status**

China RoHS



Not Reviewed

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

[90327](#) Series

Mates With

Low Profile Vertical [90325](#) , Low Profile
Right Angle [90800](#) , [90715](#) , [90814](#) , [90779](#)
Vertical

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
Extraction Tool (Plastic) for 90327 Connector, 4-26 Circuit	0690081070
Handtool for 90327, 90584 and 91577 Picoflex® Connectors, 4-26 Circuit	0690081090

Extrator Tool for Picoflex™ Connectors	<u>0621006000</u>
Semi-Automatic Bench Press PB14 for 90327 Connectors, 4 to 26 Circuit	<u>0691271001</u>
Arbor Press Fixture for 91577 Picoflex® Connectors	<u>0690201908</u>

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