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Part Number: [0903270316](#)
Status: **Active**
Description: 1.27mm (.050") Pitch Picoflex® PF-50, Low Profile, IDT Receptacle, 16 Circuits, Natural, Tin 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)	16
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, 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
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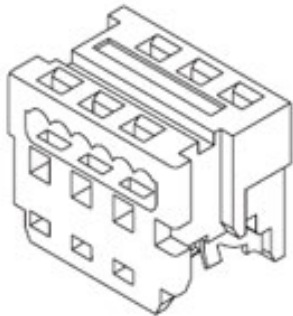


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Series

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
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

[90327Series](#)

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 #
Handtool for 90327, 90584 and 91577 Picoflex® Connectors, 4-26 Circuit	0690081090
Extrator Tool for Picoflex™ Connectors	0621006000

Arbor Press Fixture	<u>0690201902</u>
Extraction Tool	<u>0690081070</u>
(Plastic) for 90327	
Connector, 4-26	
Circuit	
Semi-Automatic	<u>0691271001</u>
Bench Press	
PB14 for 90327	
Connectors, 4 to 26	
Circuit	
Arbor Press Fixture	<u>0690201908</u>
for 91577 Picoflex®	
Connectors	

This document was generated on 02/01/2010

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