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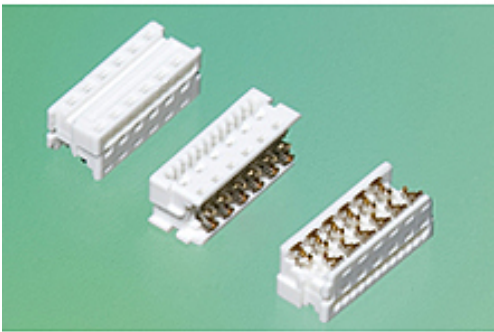
Part Number: [0903270318](#)
Status: **Active**
Overview: [Picoflex® Ribbon-Cable Connectors](#)
Description: [Picoflex® PF-50, Low Profile, IDT Receptacle, 18 Circuits, White, Tin \(Sn\) Plated, Bag](#)

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

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/01/2017 (12 January 2017) Halogen-Free Status Not Low-Halogen	China RoHS
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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-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-90327-001-001
Product Specification	PS-99020-0011
Sales Drawing	SDA-90327

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