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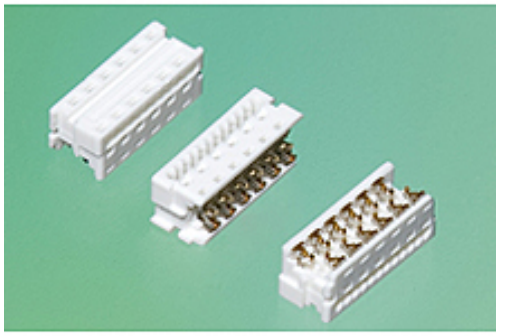
Part Number: 0903270316
Status: Active
Overview: Picoflex® Ribbon-Cable Connectors
Description: Picoflex® PF-50, Low Profile, IDT Receptacle, 16 Circuits, White, Tin (Sn) Plated, Bag



Series image - Reference only

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
MolexKits	Yes
Overview	Picoflex® Ribbon-Cable Connectors
Product Name	Picoflex®
UPC	800753538153

Physical

Circuits (Loaded)	16
Circuits (maximum)	16
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	0.946/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

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

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

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 #
Extractor Tool for Connectors	0621006000

Voltage - Maximum	250V
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-90327-001-001
Product Specification	PS-99020-0011
Sales Drawing	SDA-90327

Handtool for Connectors, 4-26 Circuit	0690081090
Arbor Press Fixture	0690201902
Arbor Press Fixture	0690201908
Semi-Automatic Bench Press PB14 for 4-26 Circuit	0691271001
Semi-Automatic PB14 Bench Press with Auto De-reeling	0691271004
Assembly of De-Tape Unit for PB14 Part Number 069127-1001	0691275045
Extraction Tool (Plastic) for 4-26 Circuit	0690081070

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