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Part Number:

0903270318

Status:

Active

Overview:

Picoflex Ribbon-Cable Connectors

Description:

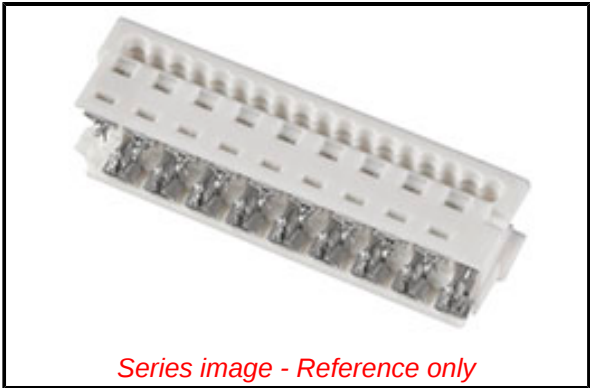
Picoflex PF-50, Low Profile, IDT Receptacle, 18 Circuits, White, Tin (Sn) Plated, Bag

Documents:	
Drawing (PDF)	Product Specification PS-99020-0011-001 (PDF)
3D Model	Packaging Specification PK-90327-001-001 (PDF)
3D Model (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 Capable		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° 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	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2020)9139-DC (19 Jan 2021)	
Halogen-Free	
Status	
Not Low-Halogen	
For more information, please visit Contact US	
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	621006000
Extraction Tool for Picoflex PF-50 Connectors, 4-26 Circuits	690081070
PremiumGrade Hand Crimp Tool	690081090

Solder Process Data

Lead-freeProcess Capability

N/A

Material Info

Reference - Drawing Numbers

Packaging Specification

PK-90327-001-001

Product Specification

PS-99020-0011-001

Sales Drawing

SDA-90327

for Picoflex PF-50
IDT Receptacle,
4-26 Circuits, 26
or 28 AWG Flat
Cable, 1.00mm max.
thickness

Arbor Press Fixture [690201902](#)

Arbor Press Fixture [690201908](#)

Semi-Automatic [691271001](#)

Bench Press PB14

for 4-26 Circuit

Semi-Automatic [691271004](#)

PB14 Bench Press

with Auto De-reeling

Assembly of De- [691275045](#)

Tape Unit for

PB14 Part Number

691271001

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