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Part Number:

0903273312

Status:

Active

Overview:

Picoflex Ribbon-Cable Connectors

Description:

Picoflex PF-50, Low Profile, IDT Receptacle, 12 Circuits, White, Gold (Au) 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
Taxonomy	Connector Housings
UPC	800753669734

Physical	
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	White
Durability (mating cycles max)	100
Entry Angle	Vertical
Flammability	94V-0
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Polyester
Net Weight	1.846/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



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
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

Voltage - Maximum	250V	
Solder Process Data		
Lead-freeProcess Capability	N/A	
Material Info		
Reference - Drawing Numbers		
Packaging Specification	PK-90327-001-001	for Picoflex PF-50 IDT Receptacle, 4-26 Circuits, 26 or 28 AWG Flat Cable, 1.00mm max. thickness
Product Specification	PS-99020-0011-001	Arbor Press Fixture 690201902 Arbor Press Fixture 690201908 Semi-Automatic 691271001 Bench Press PB14
Sales Drawing	SDA-90327-001	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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