

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0905842316

Status:

Active

Overview:

Picoflex Ribbon-Cable Connectors

Description:

1.27mm Pitch Picoflex PF-50 IDT Receptacle, Low Profile, Board-in, 16 Circuits

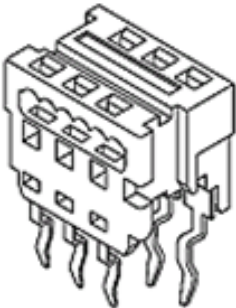
Documents:	
3D Model	Product Specification PS-99020-0011-001 (PDF)
Drawing (PDF)	Packaging Specification PK-90584-001-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Ribbon Cable / Wire Trap Connectors
Series	90584
Comments	Low Profile
Component Type	One Piece
Glow-Wire Capable	No
Overview	Picoflex Ribbon-Cable Connectors
Product Name	Board-in, Picoflex
UPC	800753661769

Physical	
Circuits (Loaded)	16
Color - Resin	Natural
Durability (mating cycles max)	30
Entry Angle	90° Angle
Flammability	94V-0
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	0.997/g
Number of Rows	2
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube - Stacked
Pitch - Mating Interface	1.27mm
Plating min - Mating	2.032µm
Plating min - Termination	2.032µm
Polarized to Mating Part	N/A
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole - Kinked Pin
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

Solder Process Data



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2021)4569-DC (8 July 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

90584 Series

Mates With

N/A

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 #
Arbor Press Fixture	690201902

Lead-free	Process Capability	WAVE
Material Info		
Reference - Drawing Numbers		
Packaging Specification		PK-90584-001-001
Product Specification		PS-99020-0011-001
Sales Drawing		SDA-90584-001, SDA-90584-002

This document was generated on 09/01/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[90584-2316](#)