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Part Number:

0907793004

Status:

Active

Overview:

Picoflex Ribbon-Cable Connectors

Description:

Picoflex PF-50 Header, Vertical, Low Profile, High Temperature Surface Mount Capable, PdNi with Gold Flash Plating , 10 Circuits, Glow-Wire Capable

Documents:

3D Model

Drawing (PDF)

Product Specification PS-99020-0011-001 (PDF)

Packaging Specification PK-90325-002-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Application Tooling Part Link

Comments

PCB Headers

90779

Signal, Wire-to-Board

69008-1070

\*\*\*\*\*This Molex product is manufactured from material that has the following ratings, tested by independent agencies:. a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13.. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12.and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety, section 30 Resistance to heat and fire. <P><P> The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s). <P> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options.\*\*\*\*\*

Overview

Product Name

UPC

Picoflex Ribbon-Cable Connectors

Picoflex

800753512849

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Capable

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Resin

Net Weight

No

10

10

Natural

100

No

94V-0

Yes

No

None

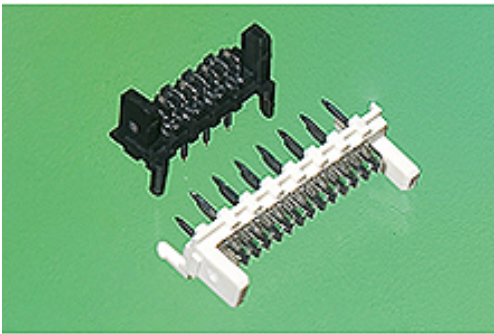
Yes

Brass

Gold over Palladium Nickel

High Temperature Thermoplastic

0.451/g



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -

ED/61/2018 (27 June

2018)

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

90779 Series

Mates With

90327 IDT Connector

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 #

Extraction Tool

0690081070

(Plastic) for 4-26

Circuit

|                                    |                   |
|------------------------------------|-------------------|
| Number of Rows                     | 1                 |
| Orientation                        | Vertical          |
| PCB Locator                        | Yes               |
| PCB Retention                      | Yes               |
| PCB Thickness - Recommended        | 1.60mm            |
| Packaging Type                     | Bag               |
| Pitch - Mating Interface           | 1.27mm            |
| Pitch - Termination Interface      | 1.27mm            |
| Plating min - Mating               | 0.762μm           |
| Plating min - Termination          | 3.048μm           |
| Polarized to Mating Part           | Yes               |
| Polarized to PCB                   | Yes               |
| Shrouded                           | No                |
| Stackable                          | No                |
| Surface Mount Compatible (SMC)     | Yes               |
| Temperature Range - Operating      | -40° to +105°C    |
| Termination Interface: Style       | Through Hole      |
| <b>Electrical</b>                  |                   |
| Current - Maximum per Contact      | 1.2A              |
| Voltage - Maximum                  | 250V              |
| <b>Solder Process Data</b>         |                   |
| Lead-freeProcess Capability        | WAVE              |
| <b>Material Info</b>               |                   |
| <b>Reference - Drawing Numbers</b> |                   |
| Packaging Specification            | PK-90325-002-001  |
| Product Specification              | PS-99020-0011-001 |
| Sales Drawing                      | SDA-90779         |

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Authorized Distributor

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90779-3004