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Part Number: 0907790007

Status: Active

Overview: Picoflex Ribbon-Cable Connectors

Description: Picoflex PF-50 Header, Vertical, Low Profile, High Temperature Surface Mount

Capable, 16 Circuits, Glow-Wire Capable

Documents:

<u>3D Model</u> <u>Product Specification PS-99020-0011-001 (PDF)</u>
<u>Drawing (PDF)</u> <u>Packaging Specification PK-90325-002-001 (PDF)</u>

3D Model (PDF) RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

Application tooling part link

Application Tooling Part Link 69008-1070

General

Product Family PCB Headers

Series 90779

Application Signal, Wire-to-Board Comments """""This Molex production

""""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

Overview <u>Picoflex Ribbon-Cable Connectors</u>

Product Name Picoflex

UPC 800753666603

Physical

Breakaway No Circuits (Loaded) 16 Circuits (maximum) 16 Color - Resin Natural Durability (mating cycles max) 30 First Mate / Last Break No Flammability 94V-0 Glow-Wire Capable Yes Guide to Mating Part No Keying to Mating Part None Lock to Mating Part Yes Material - Metal **Brass** Material - Plating Mating Tin



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

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 690081070

for Picoflex PF-50 Connectors, 4-26

Circuits

Material - Resin High Temperature Thermoplastic

Net Weight 0.691/gNumber of Rows Orientation Vertical **PCB** Retention Yes PCB Thickness - Recommended 1.60mm Packaging Type Bag Pitch - Mating Interface 1.27mm Pitch - Termination Interface 1.27mm Plating min - Mating 4.064µm Plating min - Termination 4.064µm 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

Electrical

Current - Maximum per Contact 1.2A Voltage - Maximum 250V

Solder Process Data

Lead-freeProcess Capability WAVE

Material Info

Reference - Drawing Numbers

Packaging Specification PK-90325-002-001
Product Specification PS-99020-0011-001
Sales Drawing SDA-90779-001

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