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Part Number: 90779-0005

Status: Active

Overview: Picoflex® Connectors

Description: Picoflex® PF-50 Header, Vertical, Low Profile, High Temperature Surface Mount Compatible, 12 Circuits, Glow Wire Compatible
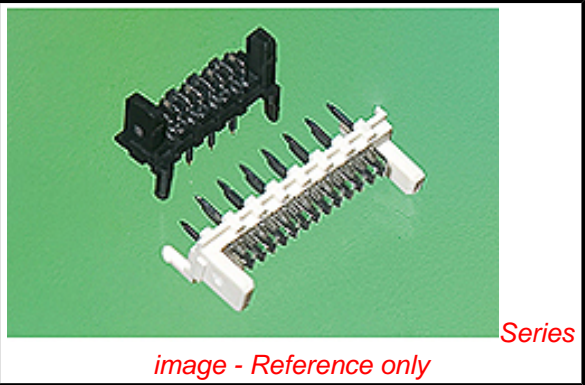

Series image - Reference only

Documents:
3D Model	Packaging Specification PK-90325-002 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-99020-0011 (PDF)	

Agency Certification
UL	E29179

General
Product Family	PCB Headers
Series	90779
Application	Signal, Wire-to-Board
Application Tooling Part Link	69008-1070
Comments	"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	Picoflex® Connectors
Product Name	Picoflex®
UPC	800754317764

Physical
Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	Yes
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Resin	High Temperature Thermoplastic

EU RoHS
ELV and RoHS Compliant

REACH SVHC
Contains SVHC: No

Low-Halogen Status
Not Low-Halogen

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
90779Series

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 (Plastic) for 4-26 Circuit	0690081070

Net Weight	0.550/g
Number of Rows	1
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°C to +105°C
Termination Interface: Style	Through Hole

Electrical

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

Solder Process Data

Lead-free Process Capability	Wave Capable (TH only)

Material Info

Reference - Drawing Numbers

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

Mouser Electronics

Authorized Distributor

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

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