

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0930711001](#)  
**Status:** **Active**  
**Overview:** [RAST Connector System](#)  
**Description:** 5.00mm Pitch Appli-Mate RAST 2.5 Header, Vertical, 3 Circuits, Reference K00, Glow-Wire Capable

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-99020-0040-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-90871-001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification PK-93070-001-001 (PDF)</a>
<a href="#">Product Specification PS-93070-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**Application tooling part link**

Application Tooling Part Link	216658-0100
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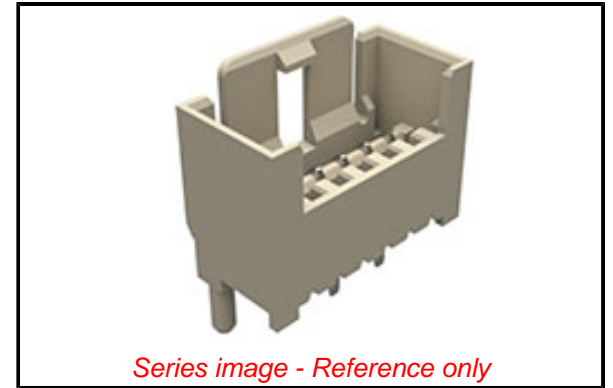
**General**

Product Family	PCB Headers
Series	<a href="#">93071</a>
Application	Power, Wire-to-Board
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. 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). If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options.

Component Type	PCB Header
Overview	<a href="#">RAST Connector System</a>
Product Name	RAST 2.5
Taxonomy	PCB Headers and Receptacles
UPC	883906320843

**Physical**

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Natural
Durability (mating cycles max)	10
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	Yes
Guide to Mating Part	No



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained per -  
D(2022)9120-DC (17  
Jan 2023)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[93071](#) Series

**Mates With**

Appli-Mate RAST 2.5 Female Connector [93051](#) , Appli-Mate RAST 2.5 IDT Housing [91717](#) , Appli-Mate RAST Power IDT Housing [91627](#)

**Use With**

RAST Standard Interface

**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 #**

RAST 2.5 Power	<a href="#">2166580100</a>
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Semi-Automatic IDC

Machine with R-

Power Option

Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	1.310/g
Number of Rows	1
Orientation	Vertical
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.50mm
Packaging Type	Carton
Pitch - Mating Interface	5.00mm
Plating min - Mating	3.048µm
Plating min - Termination	3.048µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-20° to +120°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	6.0A
Voltage - Maximum	250V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-90871-001-001, PK-93070-001-001
Product Specification	PS-93070-001-001, PS-99020-0040-001
Sales Drawing	930710001-000

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