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Part Number: [0930510003](#)
Status: **Active**
Overview: RAST 2.5 Connector System
Description: 5.00mm Pitch Appli-Mate RAST 2.5 Female Connector, Glow-Wire Capable, 2 Circuits, Natural, Open Endwalls, Position A Removed

Documents:

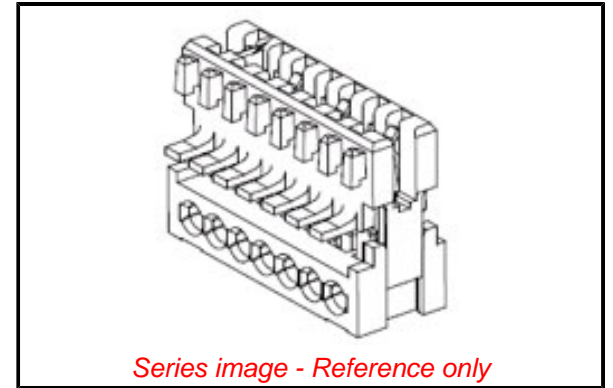
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|---|--|
| 3D Model | Application Specification 990330008-000 (PDF) |
| Drawing (PDF) | Packaging Specification PK-90871-001-001 (PDF) |
| Product Specification PS-99020-0040-001 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|----------------|---|
| Product Family | IDT and Solder Connectors |
| Series | 93051 |
| Comments | "Various possibilities for temperature range: 4 Amp:-20°C to + 60°C with header 2 Amp:-20°C to +120°C double sided PCB or Header 2 Amp:-20°C to +110°C single sided PCB<P><P>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.", "Various possibilities for temperature range: 4 Amp:-20°C to + 60°C with header 2 Amp:-20°C to +120°C double sided PCB or Header 2 Amp:-20°C to +110°C single sided PCB<P><P>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 |



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

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

[93051](#) Series

Mates With

Appli-Mate RAST 2.5 Header [93071](#)

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|------------------------------------|--|
| | 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." |
| Crimp Quality Equipment Overview | Yes |
| Product Name | <u>RAST 2.5 Connector System</u> |
| UPC | RAST 2.5 |
| Use With | 800756828305 |
| | RAST standard Interface |
| Physical | |
| Circuits (Loaded) | 2 |
| Circuits (maximum) | 2 |
| Color - Resin | Natural |
| Durability (mating cycles max) | 10 |
| Flammability | 94V-2 |
| Gender | Female |
| Glow-Wire Capable | Yes |
| Lock to Mating Part | Yes |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Polyester |
| Net Weight | 0.694/g |
| Number of Rows | 1 |
| Packaging Type | Tray |
| Panel Mount | No |
| Pitch - Mating Interface | 5.00mm |
| Pitch - Termination Interface | 5.00mm |
| Plating min - Mating | 1.016µm |
| Plating min - Termination | 1.016µm |
| Polarized to Mating Part | No |
| Stackable | No |
| Temperature Range - Operating | -20° to +120°C |
| Termination Interface: Style | IDT or Pierce |
| Wire Size AWG | 22, 24 |
| Electrical | |
| Current - Maximum per Contact | 2.0A |
| Voltage - Maximum | 250V AC |
| Solder Process Data | |
| Lead-freeProcess Capability | N/A |
| Material Info | |
| Reference - Drawing Numbers | |
| Application Specification | 990330008-000 |
| Packaging Specification | PK-90871-001-001 |
| Product Specification | PS-99020-0040-001 |
| Sales Drawing | 930510001-000 |

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