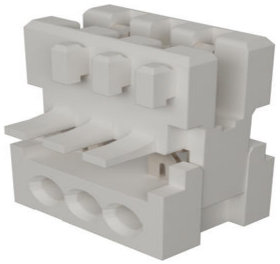
**Part Number :** 930510003
**Product Description :** 5.00mm Pitch Appli-Mate RAST 2.5 Female Connector, 2 Circuits, Position A Removed, Open Endwalls, Glow-Wire Capable
**Series Number :** 93051
**Status :** Active
**Product Category :** Connector Housings



## Documents and Resources

### Drawings

930510003_sd.pdf

STEP AP242

SOLIDWORKS

Creo

### Specifications

990330008-000.pdf

PK-90871-001-001.pdf

PS-99020-0040-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Contains 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene] per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Connector Housings |
| Series | 93051 |
| Description | 5.00mm Pitch Appli-Mate RAST 2.5 Female Connector, 2 Circuits, Position A Removed, Open Endwalls, Glow-Wire Capable |
| 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; 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. |
| Product Name | RAST 2.5 |
| UPC | 800756828305 |

**Agency**

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

**Electrical**

| | |
|---|---|
| Voltage - Maximum | 250V AC |

**Physical**

| | |
|---|---|
| Circuits (Loaded) | 2 |
| Circuits (maximum) | 2 |
| Color - Resin | Natural (White) |
| Durability (mating cycles max) | 10 |
| Gender | Female |
| Glow-Wire Capable | Yes |
| Lock to Mating Part | No |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |

| | |
|---|---|
| Material - Plating Termination | Tin |
| Material - Resin | Polyamide |
| 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 |

### Solder Process Data

| | |
|---|---|
| Lead-Free Process Capability | N/A |

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## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| 5.00mm Pitch Appli-Mate RAST 2.5 Vertical Headers | 93071 |

### Use with Part(s)

| Description | Part Number |
|---|---|
| Use With | RAST standard Interface |

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## Application Tooling

## Global

| Description | Part Number |
|---|---|

| | |
|---|---|
| RAST 2.5 and R-Power Semi-Automatic IDC Machine | 2166580100 |
| Hand Tool for Appli-Mate RAST 2.5, RAST Signal, and R-Power Connectors | 638272900 |