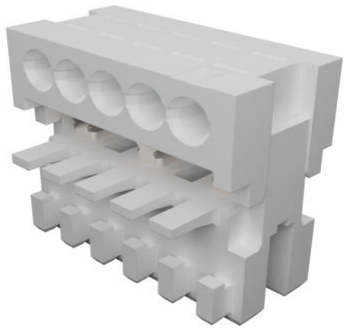
**Part Number :** 930511001
**Product Description :** 5.00mm Pitch Appli-Mate RAST 2.5 Female Connector, 3 Circuits, All Position Keys, Open Endwalls, Glow-Wire Capable
**Series Number :** 93051
**Status :** Active
**Product Category :** Connector Housings



## Documents & Resources

### Drawings

930511001_sd.pdf

STEP AP242

SOLIDWORKS

Creo

### Specifications

990330008-000.pdf

PS-99020-0040-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Compliant with Exemption 44 |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)4165-DC (25 June 2025) |
| 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, 3 Circuits, All Position Keys, 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 | 883906290559 |

**Agency**

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

**Electrical**

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

**Physical**

| | |
|---|---|
| Circuits (Loaded) | 3 |
| Circuits (maximum) | 3 |
| Color - Resin | Natural (White) |
| Durability (mating cycles max) | 10 |
| Flammability | 94V-2 |
| Gender | Female |
| Glow-Wire Capable | Yes |
| Lock to Mating Part | None |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Polyamide |
| Net Weight | 1.098/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 | Yes |
| 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 |

## 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 |

## 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 |

This document was generated on Sep 24, 2025