

**Part Number :** 930510002

**Product Description :** 5.00mm Pitch Appli-Mate RAST 2.5 Female Connector, 2 Circuits, All Position Keys, Open Endwalls, Glow-Wire Capable

**Series Number :** 93051

**Status :** Active

**Product Category :** Connector Housings



## Documents & Resources

### Drawings

[930510002\\_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, 2 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	800756828299

## Agency

CSA	LR19980
UL	E29179

## Electrical

Voltage - Maximum	250V AC
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## Physical

Circuits (Loaded)	2
Circuits (maximum)	2
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	694.000/mg
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
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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	<u>93071</u>

### 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	<u>2166580100</u>
Hand Tool for Appli-Mate RAST 2.5, RAST Signal, and R-Power Connectors	<u>638272900</u>

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