

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [0930509001](#)  
**Status:** **Active**  
**Overview:** [RAST Connector System](#)  
**Description:** 2.50mm Pitch Appli-Mate RAST 2.5 Female Connector, 2 Circuits, Fully Coded, Open Endwalls, Glow-Wire Capable

**Documents:**

|                                                               |                                                                |
|---------------------------------------------------------------|----------------------------------------------------------------|
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Packaging Specification PK-90871-001-001 (PDF)</a> |
| <a href="#">Product Specification PS-99020-0040-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |
| <a href="#">Application Specification 990330008-000 (PDF)</a> |                                                                |

**General**

|                         |                                       |
|-------------------------|---------------------------------------|
| Product Family          | IDT and Solder Connectors             |
| Series                  | <a href="#">93050</a>                 |
| Crimp Quality Equipment | Yes                                   |
| Overview                | <a href="#">RAST Connector System</a> |
| Product Name            | RAST 2.5                              |
| UPC                     | 889056526647                          |
| Use With                | RAST Standard Interface               |

**Physical**

|                                |                                               |
|--------------------------------|-----------------------------------------------|
| Circuits (Loaded)              | 2                                             |
| Circuits (maximum)             | 2                                             |
| Color - Resin                  | Natural                                       |
| Durability (mating cycles max) | 10                                            |
| 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               | Polyester                                     |
| Net Weight                     | 0.566/g                                       |
| Number of Rows                 | 1                                             |
| Packaging Type                 | Tray                                          |
| Panel Mount                    | No                                            |
| Pitch - Mating Interface       | 2.50mm                                        |
| Pitch - Termination Interface  | 2.50mm                                        |
| Plating min - Mating           | 1.016µm                                       |
| Plating min - Termination      | 1.016µm                                       |
| Polarized to Mating Part       | No                                            |
| Stackable                      | No                                            |
| Temperature Range - Operating  | -20° to +110°C, -20° to +120°C, -20° to +60°C |
| Termination Interface: Style   | IDT or Pierce                                 |
| Wire Size AWG                  | 22, 24                                        |

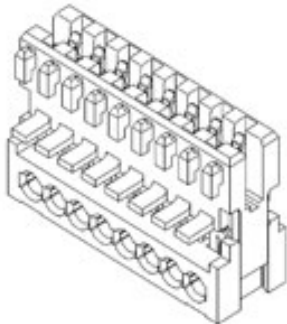
**Electrical**

|                               |            |
|-------------------------------|------------|
| Current - Maximum per Contact | 2.0A, 4.0A |
| Voltage - Maximum             | 32V AC     |

**Material Info**

**Reference - Drawing Numbers**

|                           |                   |
|---------------------------|-------------------|
| Application Specification | 990330008-000     |
| Packaging Specification   | PK-90871-001-001  |
| Product Specification     | PS-99020-0040-001 |
| Sales Drawing             | 930500001-000     |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[93050](#) Series

**Mates With**

[93070](#)

**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 Semi-Automatic IDC Machine with R-Power Option          | <a href="#">2166580100</a> |
| Hand Tool for Appli-Mate RAST 2.5, RAST Signal, and R-Power Connectors | <a href="#">638272900</a>  |

This document was generated on 09/06/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[93050-9001](#)