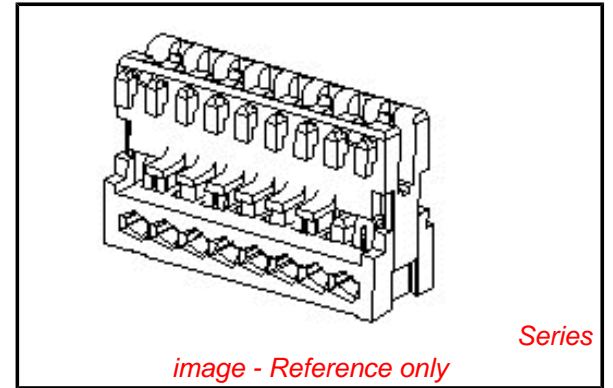


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0908720002](#)  
**Status:** **Active**  
**Overview:** [rast 25 connector system](#)  
**Description:** 2.50mm (.098") Appli-Mate RAST 2.5 IDT Housing, Direct/Indirect, Female, 2 Circuits  
**Replacement Part Number:** [917170002](#)

**Documents:**

|   |   |
|---|---|
| <a href="#">3D Model</a>                                  | <a href="#">Application Specification AS-99033-0008 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                             | <a href="#">Packaging Specification PK-90871-001 (PDF)</a>    |
| <a href="#">Product Specification PS-99020-0040 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>          |



**Agency Certification**

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

**General**

|                         |  |
|-------------------------|--|
| Product Family          | IDT and Solder Connectors                |
| Series                  | <a href="#">90872</a>                    |
| Crimp Quality Equipment | Yes                                      |
| Obsolete Date           | 2004/11/01                               |
| Overview                | <a href="#">rast 25 connector system</a> |
| Product Name            | RAST 2.5                                 |
| Replacement Part Number | <a href="#">917170002</a>                |

**Physical**

|                                |                 |
|--------------------------------|-----------------|
| Circuits (Loaded)              | 2               |
| Circuits (maximum)             | 2               |
| Color - Resin                  | Natural         |
| Durability (mating cycles max) | 10              |
| Flammability                   | 94V-0           |
| Gender                         | Female          |
| Glow-Wire Compliant            | No              |
| Lock to Mating Part            | None            |
| Material - Metal               | Phosphor Bronze |
| Material - Plating Mating      | Tin             |
| Material - Plating Termination | Tin             |
| Material - Resin               | Polyester       |
| Number of Rows                 | 1               |
| Packaging Type                 | Tray            |
| Panel Mount                    | No              |
| Pitch - Mating Interface       | 2.50mm (.098")  |
| Pitch - Termination Interface  | 2.50mm (.098")  |
| Plating min - Mating           | 1.016µm (40µ")  |
| Plating min - Termination      | 1.016µm (40µ")  |
| Stackable                      | Yes             |
| Temperature Range - Operating  | -20C TO +120C   |
| Termination Interface: Style   | IDT or Pierce   |
| Wire Size AWG                  | 22, 24          |

**Electrical**

|                               |         |
|-------------------------------|---------|
| Current - Maximum per Contact | 2A      |
| Voltage - Maximum             | 250V AC |

**Material Info**

**Reference - Drawing Numbers**

**EU RoHS** **China RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Not Low-Halogen**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[90872Series](#)

**Mates With**

[90862](#)

**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 #                  |
|------------------------------|----------------------------|
| Manual Arbor Press, RAST 2.5 | <a href="#">0622017400</a> |
| Manual Arbor Press, RAST 5.0 | <a href="#">0622017500</a> |

Application Specification  
Packaging Specification  
Product Specification  
Sales Drawing

AS-99033-0008  
PK-90871-001  
PS-99020-0040  
SD-90872-001

This document was generated on 07/21/2011

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