# molex

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**Part Number:** **0917160042**

**Status:** **Active**

**Overview:** RAST 2.5 Connector System

**Description:** 2.50mm Pitch Appli-Mate RAST 2.5 IDT Housing, Direct/Indirect, Female, 3 Circuits

### Documents:

| | |
|---|---|
| 3D Model | Application Specification 990330008-000 (PDF) |
| Drawing (PDF) | Packaging Specification PK-90871-001-001 (PDF) |
| Product Specification PS-99020-0040-001 (PDF) | RoHS Certificate of Compliance (PDF) |

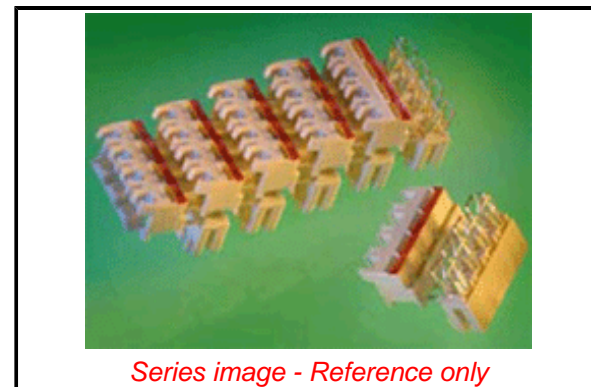*Series image - Reference only*

### Agency Certification

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

### General

| | |
|---|---|
| Product Family | IDT and Solder Connectors |
| Series | 91716 |
| Comments | """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. <P><P> 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). <P> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options.""", """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. <P><P> 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). <P> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options.""" |
| Crimp Quality Equipment | Yes |
| Overview | RAST 2.5 Connector System |
| Product Name | RAST 2.5 |
| UPC | 800756819754 |

**EU ELV**
**Not Relevant**

**EU RoHS**     **China RoHS**
**Compliant**
**REACH SVHC**
Not Contained Per
-ED/88/2018 (15
January 2019)
**Halogen-Free**
**Status**
**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**
91716 Series

**Mates With**
Appli-Mate RAST 2.5 Header 90861 , 90860

| Use With | RAST standard interface |
|---|---|

**Physical**

| | |
|---|---|
| Circuits (Loaded) | 2 |
| Circuits (maximum) | 2 |
| Color - Resin | Natural (White) |
| Durability (mating cycles max) | 10 |
| Flammability | 94V-0 |
| Gender | Female |
| Glow-Wire Capable | No |
| Lock to Mating Part | None |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |
| Net Weight | 0.654/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 | Yes |
| Stackable | No |
| Temperature Range - Operating | -20° to +120°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 |

**Solder Process Data**

| | |
|---|---|
| Lead-freeProcess Capability | N/A |

**Material Info**

**Reference - Drawing Numbers**

| | |
|---|---|
| Application Specification | 990330008-000 |
| Packaging Specification | PK-90871-001-001 |
| Product Specification | PS-99020-0040-001 |
| Sales Drawing | 917160001-000 |

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