

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

**Part Number:** [0917780002](#)  
**Status:** **Active**  
**Overview:** RAST Connector System  
**Description:** 5.00mm Appli-Mate RAST 5 IDT Housing, Indirect, Female, 10 Amp, 2 Circuit, Position Keys 1b, 2a, Code Keys 01c, d20, Reference K01

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-90833-001-001 \(PDF\)](#)  
[Product Specification PS-99020-0037-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification AS-99033-0004-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family IDT and Solder Connectors  
 Series [91778](#)  
 Crimp Quality Equipment Yes  
 Overview [RAST Connector System](#)  
 Product Name RAST 5  
 Taxonomy Connector Housings  
 UPC 822350969802  
 Use With RAST Standard interface

**Physical**

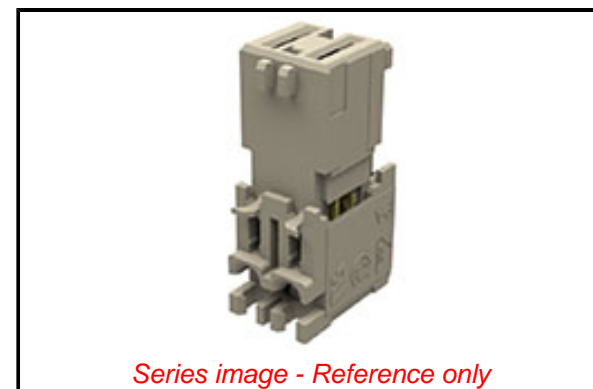
Circuits (Loaded) 2  
 Circuits (maximum) 2  
 Color - Resin Natural  
 Durability (mating cycles max) 10  
 Flammability 94V-2  
 Gender Female  
 Glow-Wire Capable Yes  
 Lock to Mating Part Yes  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Nylon  
 Net Weight 2.964/g  
 Number of Rows 1  
 Packaging Type Tray  
 Panel Mount No  
 Pitch - Mating Interface 5.00mm  
 Pitch - Termination Interface 5.00mm  
 Plating min - Mating 5.080µm  
 Plating min - Termination 5.080µm  
 Polarized to Mating Part Yes  
 Stackable No  
 Temperature Range - Operating -20° to +120°C  
 Termination Interface: Style IDT or Pierce  
 Wire Size AWG 18, 20

**Electrical**

Current - Maximum per Contact 10.0A  
 Voltage - Maximum 250V AC

**Solder Process Data**

Lead-freeProcess Capability N/A



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2022)4187-DC (10  
 June 2022)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[91778 Series](#)

**Mates With**

[91999](#) , [93003](#)

**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 5 Power Semi-Automatic IDC Machine    | <a href="#">2166580200</a> |
| Hand Tool for Appli-Mate RAST 5 Connectors | <a href="#">638276300</a>  |

**Material Info**

**Reference - Drawing Numbers**

|                           |                   |
|---------------------------|-------------------|
| Application Specification | AS-99033-0004-001 |
| Packaging Specification   | PK-90833-001-001  |
| Product Specification     | PS-99020-0037-001 |
| Sales Drawing             | 917780001-000     |

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