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**Part Number:** [0908351251](#)  
**Status:** **Active**  
**Overview:** RAST 5 Connector System  
**Description:** 5.00mm Pitch Appli-Mate RAST 5 IDT Connector System Female Receptacle, 16A, 4 Circuit, Natural, Coding Keys ALL, Latch Position 1/2 3/4, Position Coding All

**Documents:**

[3D Model](#) [Packaging Specification PK-90833-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [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 [90835](#)  
 Comments Female Indirect Receptacle Reference K00  
 Crimp Quality Equipment Yes  
 Overview [RAST 5 Connector System](#)  
 Product Name RAST 5  
 UPC 800753649279  
 Use With RAST standard interface

**Physical**

Circuits (Loaded) 4  
 Circuits (maximum) 4  
 Color - Resin Natural  
 Durability (mating cycles max) 10  
 Flammability 94V-2  
 Gender Female  
 Glow-Wire Compliant No  
 Lock to Mating Part Yes  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Silver  
 Material - Plating Termination Silver  
 Material - Resin Nylon  
 Net Weight 6.026/g  
 Number of Rows 1  
 Packaging Type Tray  
 Panel Mount No  
 Pitch - Mating Interface 5.00mm  
 Pitch - Termination Interface 5.00mm  
 Plating min - Mating 2.032µm  
 Plating min - Termination 0.102µm  
 Polarized to Mating Part Yes  
 Stackable Yes  
 Temperature Range - Operating -20°C to +120°C  
 Termination Interface: Style IDT or Pierce  
 Wire Size AWG 16 Stranded, 18

**Electrical**

Current - Maximum per Contact 16.0A  
 Voltage - Maximum 250V AC

**Material Info**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/30/2017 (7 July  
 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS Green Image  
 ELV Not Relevant  
 RoHS Phthalates Not Contained

**Search Parts in this Series**

[90835](#) Series

**Mates With**

[90858](#) Header, [90879](#) Header

**Reference - Drawing Numbers**

Application Specification

Packaging Specification

AS-99033-0004-001

PK-90833-001-001

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