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**Part Number:** [90835-0035](#)  
**Status:** **Active**  
**Overview:** [RAST 5 Connector System](#)  
**Description:** 5.00mm Pitch Appli-Mate RAST 5 IDT Connector System Female Receptacle, 16A, 2 Circuit, Purple Red, Coding Keys 01c, d20, Latch Position 1/2, Position Coding 2a

**Documents:**

[3D Model](#) [Packaging Specification PK-90833-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification AS-99033-0004 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family IDT and Solder Connectors  
 Series [90835](#)  
 Comments Female Indirect Receptacle Reference K05  
 Crimp Quality Equipment Yes  
 Overview [RAST 5 Connector System](#)  
 Product Name RAST 5  
 UPC 800753651609  
 Use With RAST standard interface

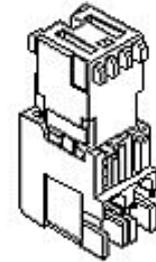
**Physical**

Circuits (Loaded) 2  
 Circuits (maximum) 2  
 Color - Resin Natural  
 Durability (mating cycles max) 10  
 Flammability 94V-2  
 Gender Female  
 Glow-Wire Compliant No  
 Lock to Mating Part Yes  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Silver  
 Material - Plating Termination Silver  
 Material - Resin Nylon  
 Net Weight 3.044/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 -20C to +120C  
 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 RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Low-Halogen**

**China RoHS**



**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**

[90835Series](#)

**Mates With**

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

**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 5.0	<a href="#">0622017500</a>
RAST 5.0 Power Semi-Automatic Terminator Machine for 12 and 16 AMP	<a href="#">0623006100</a>
Hand Tool for Appli-Mate RAST5 Connectors	<a href="#">0638276300</a>

**Reference - Drawing Numbers**

Application Specification  
Packaging Specification  
Sales Drawing

AS-99033-0004  
PK-90833-001  
SD-90835-001

This document was generated on 04/17/2015

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