

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [90835-0001](#)
Status: **Active**
Overview: [RAST 5 Connector System](#)
Description: 5.00mm Pitch Appli-Mate RAST 5 IDT Connector System Female Receptacle, 16A, 2 Circuit, Natural, Coding Keys All, Latch Position 1/2, Position Coding All

Documents:
[3D Model](#) [Packaging Specification PK-90833-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

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 800753652101
Use With RAST standard interface

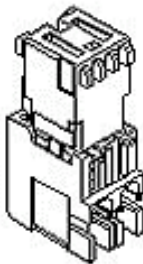
Physical

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 3.035/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 16A
Voltage - Maximum 250V AC

Material Info



Series

image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Low-Halogen Status
Not Reviewed

China RoHS



Need more information on product environmental compliance?
Email 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 #
RAST 5.0 Power Semi-Automatic Terminator Machine for 12 and 16 AMP Manual Arbor Press,	0623006100
RAST 5.0	0622017500

Reference - Drawing Numbers

Packaging Specification
Sales Drawing

PK-90833-001
SD-90835-001

This document was generated on 07/07/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[90835-0001](#)