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Part Number: [90835-1251](#)
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 \(PDF\)](#)
[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 K00
 Crimp Quality Equipment Yes
 Overview [RAST 5 Connector System](#)
 Product Name RAST 5
 UPC 800753649279
 Use With RAST standard interface

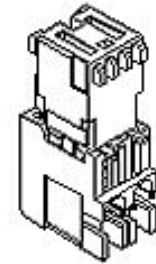
Physical

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 -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
 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	0622017500
RAST 5.0 Power Semi-Automatic Terminator Machine for 12 and 16 AMP	0623006100
Hand Tool for Appli-Mate RAST5 Connectors	0638276300

Reference - Drawing Numbers

Application Specification

Packaging Specification

Sales Drawing

AS-99033-0004

PK-90833-001

SD-90835-001

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