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Part Number:

90835-0500

Status:

Active

Overview:

RAST 5 Connector System

Description:

5.00mm Pitch Appli-Mate RAST 5 IDT Connector System Female Receptacle, 16A, 3 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

800753649965

Use With

RAST standard interface

Physical

Circuits (Loaded)

3

Circuits (maximum)

3

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

4.509/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

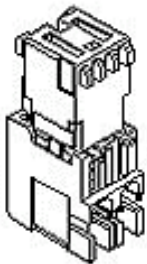


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

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 #  |
| RAST 5.0 Power                                      | 0623006100 |
| Semi-Automatic Terminator Machine for 12 and 16 AMP |            |
| Manual Arbor Press,                                 | 0622017500 |
| RAST 5.0                                            |            |

**Reference - Drawing Numbers**

Packaging Specification  
Sales Drawing

PK-90833-001  
SD-90835-001

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