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Part Number: 90835-0518
Status: Active
Overview: RAST 5 Connector System
Description: 5.00mm Pitch Appli-Mate RAST 5 IDT Connector System Female Receptacle, 16A, 3 Circuit, Purple Red, Coding Keys d10, d30, Latch Position 2/3, Position Keys All

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Application Specification AS-99033-0004 \(PDF\)](#)
[Packaging Specification PK-90833-001 \(PDF\)](#)
[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 K38
Crimp Quality Equipment Yes
Overview RAST 5 Connector System
Product Name RAST 5
UPC 800753649842
Use With RAST standard interface

Physical

Circuits (Loaded) 3
Circuits (maximum) 3
Color - Resin Purple, Red
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 4.522/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

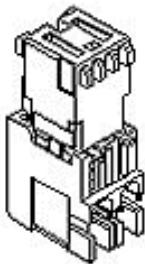


image - Reference only

Series

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	AS-99033-0004
Packaging Specification	PK-90833-001
Sales Drawing	SD-90835-001

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