molex®
one company › a world of innovation

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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)
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	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	16.0A
Voltage - Maximum	250V AC

Material Info
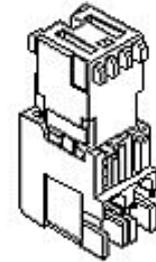
Series image - Reference only

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

This document was generated on 04/17/2015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

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

[Molex](#):
  [90835-0500](#)