

This document was generated on 12/21/2021

## PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0919990495

Status: Active

Overview: RAST Connector System

Description: Appli-Mate RAST 5 Header, Vertical, 2 Circuits, Silver (Ag) Plating, Glow-Wire Capable

**Documents:** 

Drawing (PDF) Packaging Specification PK-90858-001-001 (PDF)

Product Specification PS-99020-0037-001 (PDF) RoHS Certificate of Compliance (PDF)

**Agency Certification** 

CSA LR19980 UL E29179

Application tooling part link

Application Tooling Part Link 216658-0200

General

Product Family PCB Headers
Series 91999

Application Power, Wire-to-Board

Comments """""This Molex product is manufactured from material

**Brass** 

Silver

Nickel

that has the following ratings, tested by independent agencies:, a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13.. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12.and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety, section 30 Resistance to heat and fire. <P><P> The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s). <P> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for

possible product options.""""""

Overview RAST Connector System

Product Name RAST 5

UPC 883906939182

**Physical** 

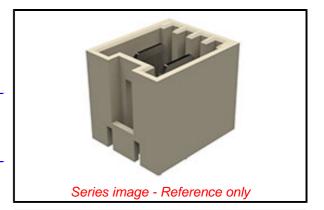
Material - Metal

Material - Plating Mating

Material - Plating Termination

Breakaway No
Circuits (Loaded) 2
Circuits (maximum) 2

Color - Resin Natural Durability (mating cycles max) 10 First Mate / Last Break No Flammability 94V-0 Glow-Wire Capable Yes Guide to Mating Part No Keying to Mating Part Yes Lock to Mating Part Yes



#### **EU ELV**

**Not Relevant** 

EU RoHS China RoHS

Compliant

**REACH SVHC** 

Not Contained Per - D(2021)4569-DC (8

July 2021)

**Halogen-Free** 

**Status** 

**Not Low-Halogen** 

For more information, please visit Contact US

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

## Search Parts in this Series

91999 Series

**Mates With** 

Appli-Mate RAST 5 IDT Housing 91778, 91779

**Use With** 

**RAST Standard Interface** 

#### 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 Power <u>2166580200</u> Semi-Automatic IDC

Machine

Material - Resin Nylon Net Weight 2.604/g Number of Rows Orientation Vertical PC Tail Length 3.90mm PCB Locator Yes **PCB** Retention None PCB Thickness - Recommended 1.40mm Packaging Type Bag Pitch - Mating Interface 5.00mm Pitch - Termination Interface 5.00mm Shrouded Fully Stackable No Surface Mount Compatible (SMC) No

Temperature Range - Operating -20° to +120°C
Termination Interface: Style Through Hole

**Electrical** 

Current - Maximum per Contact 16.0A Voltage - Maximum 250V AC

**Material Info** 

**Reference - Drawing Numbers** 

Packaging Specification PK-90858-001-001
Product Specification PS-99020-0037-001

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Other Similar products are found below:

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