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Part Number: 0919990470

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

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. 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). If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product

options.

Component Type PCB Header

Overview RAST Connector System

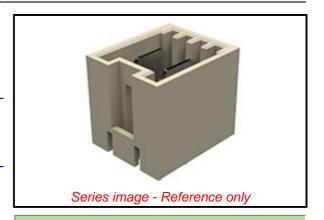
Product Name RAST 5

Taxonomy PCB Headers and Receptacles

UPC 883906134792

Physical

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 Material - Metal **Brass**



EU ELV

Not Relevant

EU RoHS China RoHS

Compliant

REACH SVHC

Not Contained Per - D(2022)4187-DC (10

June 2022)

Halogen-Free

<u>Status</u>

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 $\underline{91778}$, 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 2166580200

Semi-Automatic IDC

Machine

Material - Plating Mating Silver Material - Plating Termination Nickel Material - Resin Nylon Net Weight 2.612/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

Engineering Number WITH ZYTEL RM

Reference - Drawing Numbers

Packaging Specification PK-90858-001-001
Product Specification PS-99020-0037-001
Sales Drawing 919990001-000

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