

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0919991999](#)
Status: **Active**
Overview: [RAST Connector System](#)
Description: Appli-Mate RAST 5 Header, Vertical, 4 Circuits, Silver (Ag) Plating, Glow-Wire Capable

Documents:

Drawing (PDF)	Product Specification PS-99020-0037-001 (PDF)
3D Model	Packaging Specification PK-90858-001-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

Application tooling part link

Application Tooling Part Link	216658-0200
-------------------------------	-------------

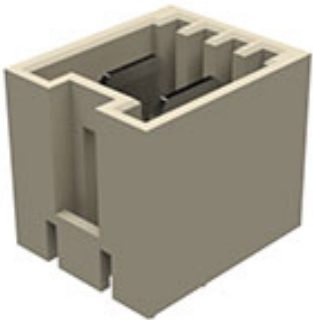
General

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. <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	883906120559

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
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
Material - Plating Mating	Silver



Series image - Reference only

EU ELV

Not Relevant

EU 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	2166580200
Semi-Automatic IDC Machine	

Material - Plating Termination	Nickel
Material - Resin	Nylon
Net Weight	4.334/g
Number of Rows	1
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
Plating min - Mating	2.032μm
Polarized to PCB	Yes
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

This document was generated on 01/24/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

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

Molex:

91999-1999