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Part Number: [0919990478](#)
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

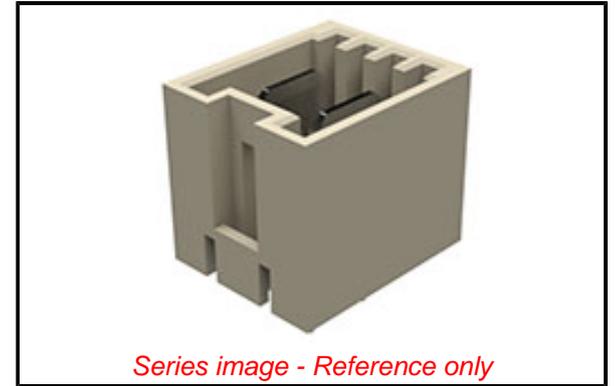
Application Tooling Part Link 216658-0200

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. <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.""""""""
[RAST Connector System](#)
 Overview RAST 5
 Product Name PCB Headers and Receptacles
 Taxonomy 883906536145
 UPC

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
 Material - Plating Mating Silver



EU ELV

Not Relevant

EU RoHS

Compliant
REACH SVHC

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

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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
 Semi-Automatic IDC
 Machine

[2166580200](#)

Material - Plating Termination	Nickel
Material - Resin	Nylon
Net Weight	2.613/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
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
Sales Drawing	919990001-000

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