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Part Number: [0919990499](#)
Status: **Active**
Overview: RAST 5 Connector System
Description: Appli-Mate RAST 5.0 Header, Vertical, 2 Circuits, Silver (Ag) Plating, Glow Wire Capable

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

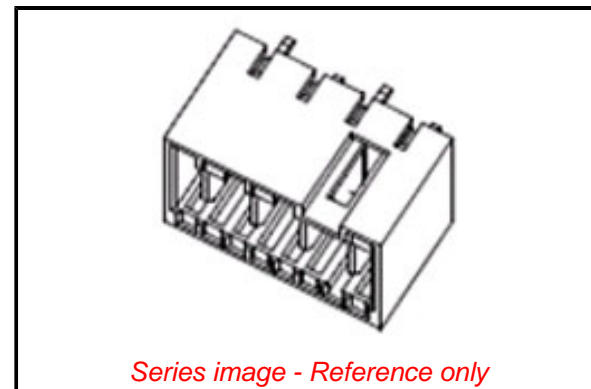
General

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 5 Connector System](#)
 Product Name RAST 5
 UPC 822350959247

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 Compliant Yes
 Guide to Mating Part No
 Keying to Mating Part Yes
 Lock to Mating Part No
 Material - Metal Brass
 Material - Plating Mating Silver
 Material - Resin Nylon
 Net Weight 4.620/g



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/30/2017 (7 July 2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

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

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°C to +120°C
Termination Interface: Style	Through Hole

Electrical

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

Solder Process Data

Lead-free Process Capability	N/A
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Material Info

Engineering Number	WITH ZYTEL RM
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Reference - Drawing Numbers

Packaging Specification	PK-90858-001-001
Product Specification	PS-99020-0037-001
Sales Drawing	SD-91999-001, SD-93319-001

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