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Part Number:

0919990499

Status:

Active

Overview:

RAST 5 Connector System

Description:

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

Documents:

3D Model (PDF)

Drawing (PDF)

3D Model

Product Specification PS-99020-0037-001 (PDF)

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

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

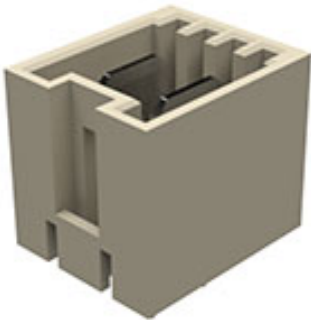
General

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 Capable	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
Number of Rows	1



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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

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
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Engineering Number	WITH ZYTEL RM
Reference - Drawing Numbers	
Packaging Specification	PK-90858-001-001
Product Specification	PS-99020-0037-001

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Mouser Electronics

Authorized Distributor

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Molex:

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