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Part Number: **0919991283**

Status: **Active**

Overview: RAST 5 Connector System

Description: Appli-Mate RAST 5 Header, Vertical, 4 Circuits, Tin (Sn) Plating, Glow-Wire Capable

Documents:
3D Model
Drawing (PDF)
Product Specification PS-99020-0037-001 (PDF)

Packaging Specification PK-90858-001-001 (PDF)
RoHS Certificate of Compliance (PDF)

Series image - Reference only

Agency Certification
CSA	LR19980
UL	E29179

General
Product Family	PCB Headers
Series	91999
3D Viewer	Yes
Application	Power, Wire-to-Board
CURRENT-MAX-NUMERIC	16.0
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., 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
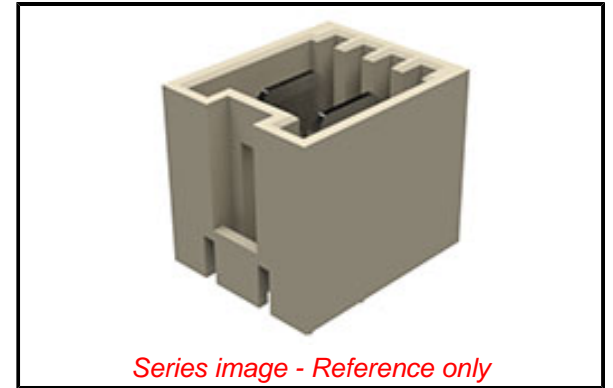
EU ELV
Not Relevant

EU RoHS   **China RoHS**
Compliant
REACH SVHC
Not Contained Per - ED/71/2019 (16 July 2019)
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

PITCH-MATING-NUMERIC	5.00
Product Name	RAST 5
UPC	822350961271

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	No
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Resin	Nylon
Net Weight	4.253/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	5.080µm
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

Mouser Electronics

Authorized Distributor

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