molex

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Part Number: **0930700005**

Status: **Active**

Overview: RAST Connector System
Description: Appli-Mate RAST 2.5 Header, Vertical, 3 Circuits, Tin (Sn) Plating, Glow-Wire Capable, Positioning Key A

Documents:

Drawing (PDF)
Product Specification PS-93070-001-001 (PDF)
Product Specification PS-99020-0040-001 (PDF)

Packaging Specification PK-90871-001-001 (PDF)
Packaging Specification PK-93070-001-001 (PDF)
RoHS Certificate of Compliance (PDF)

Series image - Reference only

Agency Certification
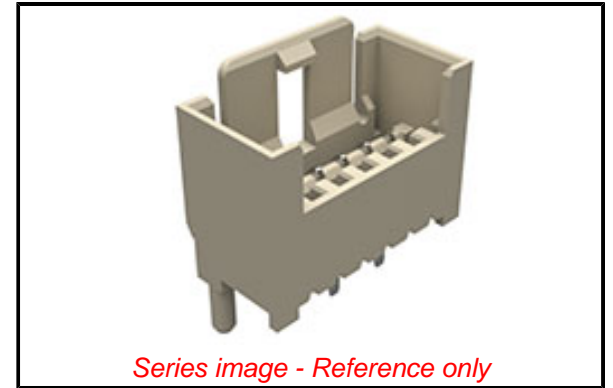CSA   LR19980
UL   E29179

General
Product Family   PCB Headers
Series   93070
Application   Power, Wire-to-Board
CURRENT-MAX-NUMERIC   6.0
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 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
93070 Series

Mates With
Appli-Mate RAST 2.5 Female Connector 93050 , Appli-Mate RAST 2.5 IDT Housing 91716

Use With
RAST Standard Interface

PITCH-MATING-NUMERIC	2.50
Product Name	RAST 2.5
UPC	883906564209

Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
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	Tin
Material - Plating Termination	Nickel
Material - Resin	Nylon
Net Weight	1.030/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.30mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.50mm
Packaging Type	Carton
Pitch - Mating Interface	2.50mm
Pitch - Termination Interface	2.50mm
Plating min - Mating	3.048µm
Plating min - Termination	3.048µm
Polarized to Mating Part	Yes
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	6.0A
Voltage - Maximum	32V

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-90871-001-001, PK-93070-001-001
Product Specification	PS-93070-001-001, PS-99020-0040-001
Sales Drawing	930700001-000

Mouser Electronics

Authorized Distributor

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

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