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Part Number: **0930700502**
Status: **Active**
Overview: RAST Connector System
Description: Appli-Mate RAST 2.5 Header, Vertical, 4 Circuits, Tin (Sn) Plating, Glow-Wire Capable, Positioning Keys B & C

Documents:

Drawing (PDF)	Packaging Specification PK-90871-001-001 (PDF)
Product Specification PS-93070-001-001 (PDF)	Packaging Specification PK-93070-001-001 (PDF)
Product Specification PS-99020-0040-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

Application tooling part link

Application Tooling Part Link	216658-0100
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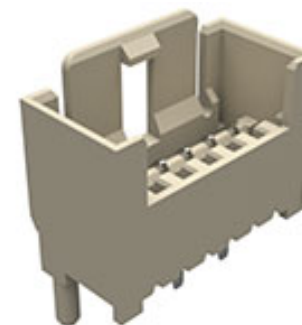
General

Product Family	PCB Headers
Series	<u>93070</u>
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	<u>RAST Connector System</u>
Product Name	RAST 2.5
UPC	883906564254

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	Yes
Material - Metal	Brass



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2021)4569-DC (8 July 2021)

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

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

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 2.5 Power	<u>2166580100</u>
Semi-Automatic IDC	
Machine with R-	
Power Option	

Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Material - Resin	Nylon
Net Weight	1.240/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

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