

**Part Number: 93003-1249**

Image not available

**Status:** Contact Molex  
**Series:** 93003  
**Category:** PCB Headers  
**Overview:** [RAST 5 Connector System](#)

Series image - Reference only

**Part Detail****General**

<b>Status</b>	<b>Contact Molex</b>
Category	PCB Headers
Series	93003
Application	Power, Wire-to-Board
Comments	<p>"This Molex product is manufactured from material that has the following ratings, tested by independent agencies:</p> <p>a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13.</p> <p>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> <p>If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options."</p>
Overview	<a href="#">RAST 5 Connector System</a>
Product Name	RAST 5

**Physical**

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Natural
Durability (mating cycles max)	10
First Mate / Last Break	No
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
Number of Rows	1
Orientation	Right Angle
PC Tail Length	3.50mm
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	Yes
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-20°C to +85°C
Termination Interface: Style	Through Hole

**Electrical****(Please review the Product Specification for specific details.)**

Current - Maximum per Contact	16A
Voltage - Maximum	250V AC

**Material Info****Reference - Drawing Numbers**

Packaging Specification	PK-90858-001
Product Specification	PS-99020-0037
Sales Drawing	SD-93003-001

**Application Tooling**

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

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**Previously Available Application Tooling**

[Check our list of old tooling that used to be available for this part](#)