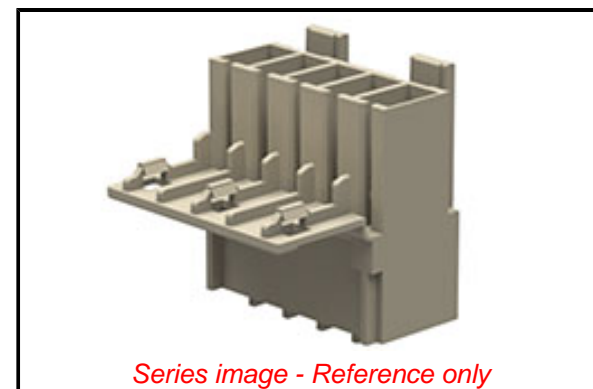


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Part Number: [0945504004](#)
Status: **Active**
Overview: [RAST Connector System](#)
Description: 5.00mm Pitch, Rast 5, PA Polyamide (Nylon) 6/6, UL 94V-2, 4 Circuits, Natural, Glow-Wire Capable

Documents:

3D Model	Packaging Specification 945180001-PK-000 (PDF)
Drawing (PDF)	Test Summary TS-94550-002-001 (PDF)
Product Specification PS-94550-001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-45499-001-001 (PDF)	



Agency Certification

UL E29179

Application tooling part link

Application Tooling Part Link 216658-0200
 Application Tooling Part Link 62201-7500

General

Product Family Crimp Housings
 Series [94550](#)
 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 Connector System](#)
 Product Name RAST 5
 UPC 822350107297

Physical

Breakaway No
 Circuits (maximum) 4
 Color - Resin Natural
 Flammability 94V-2
 Gender Receptacle
 Glow-Wire Capable Yes
 Lock to Mating Part Yes
 Material - Resin Nylon
 Net Weight 3.520/g
 Number of Rows 1
 Packaging Type Bag

EU ELV

Compliant

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	Not Relevant
ELV	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series

[94550 Series](#)

Mates With

Rast 5 Headers, [90858 Vertical Header](#)

Use With

[94518 Crimp Terminal](#)

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 5 Power Semi-Automatic IDC Machine	2166580200
Manual Arbor Press, RAST 5	622017500

Panel Mount	No
Pitch - Mating Interface	5.00mm
Pitch - Termination Interface	5.00mm
Polarized to Mating Part	Yes
Ports	1
Stackable	No
Temperature Range - Operating	-40° to +85°C

Solder Process Data

Lead-free Process Capability	N/A
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Material Info**Reference - Drawing Numbers**

Application Specification	AS-45499-001-001
Packaging Specification	945180001-PK-000
Product Specification	PS-94550-001-001
Sales Drawing	945180001-000, SD-94550-003-001
Test Summary	TS-94550-002-001

This document was generated on 08/25/2021

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