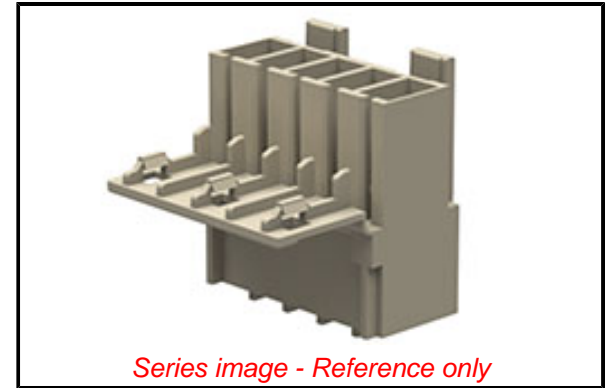


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Part Number: **0945504102**
Status: **Active**
Overview: RAST Connector System
Description: 5.00mm Pitch, Rast 5, PA Polyamide (Nylon) 6/6, UL 94V-2, 2 Circuits, Natural, Glow-Wire Capable

Documents:

3D Model	Packaging Specification 945180001-PK-000 (PDF)
Drawing (PDF)	Test Summary TS-94550-001-001 (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

General

Product Family	Crimp Housings
Series	<u>94550</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. <u>RAST Connector System</u>
Overview	
Product Name	RAST 5
UPC	822350249652

Physical

Breakaway	No
Circuits (maximum)	2
Color - Resin	Natural
Flammability	94V-2
Gender	Receptacle
Glow-Wire Capable	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.796/g
Number of Rows	1
Packaging Type	Bag
Panel Mount	No

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

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

Halogen-Free

Status

Not Relevant

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Not Relevant

Compliant

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

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-freeProcess 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-94550-006-001
Test Summary	TS-94550-001-001

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[F407400](#) [F444110](#) [F487000](#) [F509500B-B](#) [827153-1](#) [8N1515-32-24P](#) [9-1326729-8](#) [925474-1](#) [928905-1](#) [964562-4](#) [968782-1](#) [GT17SA-8DS-](#)
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