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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

Series

Application

Comments

Crimp Housings

94550

Power, Wire-to-Board

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.

RAST Connector System

Overview

Product Name

UPC

RAST 5

822350249652

Physical

Breakaway

Circuits (maximum)

Color - Resin

Flammability

Gender

Glow-Wire Capable

Lock to Mating Part

Material - Resin

Net Weight

Number of Rows

Packaging Type

Panel Mount

No

2

Natural

94V-2

Receptacle

Yes

Yes

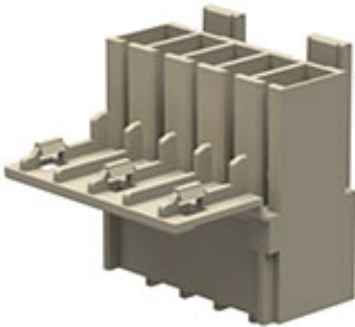
Nylon

1.796/g

1

Bag

No



Series image - Reference only

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

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

[2166580200](#)

Semi-Automatic IDC Machine

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
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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Mouser Electronics

Authorized Distributor

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Molex:

94550-4102