Part Number : 945504106
Product Description : 5.00mm Pitch, RAST 5 Housing, PA Polyamide (Nylon) 6/6, UL 94V-2, 6 Circuits, Natural, Glow-Wire Capable
Series Number : 94550
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

945504106_sd.pdf

945180001-PK-000.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

AS-45499-001-001.pdf

PS-94550-001-001.pdf

TS-94550-002-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

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- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Connector Housings
Series	94550
Description	5.00mm Pitch, RAST 5 Housing, PA Polyamide (Nylon) 6/6, UL 94V-2, 6 Circuits, Natural, Glow-Wire Capable
Application	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. The customers using this product must

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	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). If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options.
Product Name	RAST 5
UPC	822348691777

Agency

UL	E29179

Physical

Circuits (maximum)	6
Color - Resin	Natural
Flammability	94V-2
Gender	Female
Glow-Wire Capable	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	4.920/g
Number of Rows	1
Packaging Type	Bag
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

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Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
Appli-Mate RAST 5 Vertical Headers	90858

Use with Part(s)

Description	Part Number
High Normal Force Tabs	94518

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