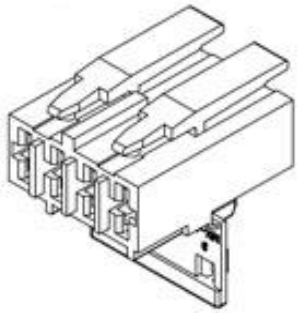
Part Number : 945504106
Product Description : 5.00mm Pitch, RAST 5 Housing, PA Polyamide (Nylon) 6/6, UL 94V-2, 6 Circuits, Natural, Glow-Wire Capable
Series Number : 94550
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings

945504106_sd.pdf

945180001-PK-000.pdf

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

- 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	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. 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). 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

Breakaway	No
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

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