



Part Number : 930700512

Series Number : 93070

Product Category : PCB Headers and Receptacles

Product Description : Appli-Mate RAST 2.5 Header, Vertical, 4 Circuits, Tin (Sn) Plating, Glow-Wire Capable, Positioning Key D

Status : Active

Documents & Resources

Drawings
Drawing 930700512_sd.pdf

Specifications
Packaging Specification PK-90871-001-001.pdf
Packaging Specification PK-93070-001-001.pdf
Product Specification PS-93070-001-001.pdf
Product Specification PS-99020-0040-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Duty-To-Declare
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	93070
Description	Appli-Mate RAST 2.5 Header, Vertical, 4 Circuits, Tin (Sn) Plating, Glow-Wire Capable, Positioning Key D
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.
Component Type	PCB Header
Product Family	RAST Connector System
Product Name	RAST 2.5
UPC	884982341647

Agency

CSA	LR19980
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UL	E29179
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Electrical

Current - Maximum per Contact	6.0A
Voltage - Maximum	32V

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Red
Durability (mating cycles max)	10
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	Yes
Guide to Mating Part	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Material - Resin	Nylon
Net Weight	1.000/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Carton
PC Tail Length	3.30mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.50mm
Pitch - Mating Interface	2.50mm
Pitch - Termination Interface	2.50mm
Plating min - Mating	3.048µm
Plating min - Termination	3.048µm
Polarized to Mating Part	Yes

Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-20° to +120°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
2.50mm Pitch Appli-Mate RAST 2.5 IDT Housings	<u>91716</u>
2.50mm Pitch Appli-Mate RAST 2.5 Female Connectors	<u>93050</u>

Use with Part(s)

Description	Part Number
Use With	RAST Standard Interface

Application Tooling

Global

Description	Part Number
RAST 2.5 and R-Power Semi-Automatic IDC Machine	<u>2166580100</u>