Part Number : 916272501
Product Description : 5.00mm Pitch Appli-Mate RAST Power IDT Housing, Direct/Indirect, Female, 4 Circuits, Fully Coded, Latch Between Circuits 1 and 2, Open End Walls, Glow-Wire Capable
Series Number : 91627
Status : Active
Product Category : Connector Housings

Documents and Resources

Drawings

916272501_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

916270001-002.pdf

916270001-001.pdf

916270001-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene] per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Downloaded from Arrow.com.

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	91627
Description	5.00mm Pitch Appli-Mate RAST Power IDT Housing, Direct/ Indirect, Female, 4 Circuits, Fully Coded, Latch Between Circuits 1 and 2, Open End Walls, Glow-Wire Capable
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

Downloaded from Arrow.com.

	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 Power
UPC	822350955508

Agency

CSA	LR19980
UL	E29179

Electrical

Voltage - Maximum	250V AC

Physical

Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Natural (White)
Durability (mating cycles max)	10
Gender	Female
Glow-Wire Capable	Yes
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	2.768/g

Downloaded from Arrow.com.

Number of Rows	1
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	5.00mm
Pitch - Termination Interface	5.00mm
Plating min - Mating	0.813µm
Plating min - Termination	0.813µm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +120°C
Termination Interface Style	IDT or Pierce
Wire Size (AWG)	18, 20, 22, 24

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
5.00mm Pitch Appli-Mate RAST 2.5 Vertical Headers	93071

Use with Part(s)

Description	Part Number
Use With	RAST standard Interface

Application Tooling

Global

Description	Part Number
RAST Power Semi-Automatic IDC Machine	2166580300
Appli-Mate RAST 2.5 Power	622030000

Downloaded from Arrow.com.

Manual Terminator	
RAST 2.5 Power Semi-Automatic Terminator Machine	623006000
Hand Tool for Appli-Mate RAST Power Connectors	638276200

Downloaded from Arrow.com.