



**Part Number :** [916270009](#)  
**Product Description :** 5.00mm Pitch Appli-  
Mate RAST Power IDT Housing,  
Direct/Indirect, Female, 2 Circuits, Code Keys  
A and B Removed, Open End Walls, Glow-Wire  
Capable  
**Series Number :** 91627  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources

**Drawings**  
[Drawing 916270009\\_sd.pdf](#)

**3D Models and Design Files**  
[3D Model 916270009\\_stp.zip](#)

**Specifications**  
[Application Specification 916270001-002.pdf](#)  
[Packaging Specification 916270001-001.pdf](#)  
[Product Specification 916270001-000.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
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
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

---

### Part Details

#### General

Status	Active
Category	Connector Housings
Series	91627
Description	5.00mm Pitch Appli-Mate RAST Power IDT Housing, Direct/Indirect, Female, 2 Circuits, Code Keys A and B Removed, Open End Walls, Glow-Wire Capable
Comments	<p>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.</p>
Product Family	RAST Connector System
Product Name	RAST Power
UPC	822350787918

## Agency

CSA	LR19980
UL	E29179

## Electrical

Voltage - Maximum	250V AC
-------------------	---------

## Physical

Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Natural (White)
Durability (mating cycles max)	10
Flammability	94V-2
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	1.160/g
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	<u>93071</u>

Use with Part(s)

Description	Part Number
Use With	RAST standard Interface

Application Tooling

Global

Description	Part Number
RAST Power Semi-Automatic IDC Machine	<u>2166580300</u>
Appli-Mate RAST 2.5 Power Manual Terminator	<u>622030000</u>
Hand Tool for Appli-Mate RAST Power Connectors	<u>638276200</u>