



Part Number : 2209580003

Series Number : 220958

Product Category : Connector Housings

Product Description : 5.00mm R-Power RAST Female Connector, 10.0A, Tin Plated, 2 Circuits, UL94-V0, Dual Row Coding Keys, Fully Coded, Open End Walls, Latch Between Circuit 1 &2, Black

Status : Active


Documents & Resources

Drawings  
[Drawing 2209580003\\_sd.pdf](#)

Specifications  
[Application Specification AS-93270-001-001.pdf](#)  
[Packaging Specification PK-93270-001-001.pdf](#)  
[Product Specification PS-93270-001-001.pdf](#)

Product Environment Compliance

Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Compliant with Exemption 44   |
| China RoHS         |  |
| EU ELV             | Not Relevant  |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21  |
| REACH SVHC         | Not Contained per D(2023)3788-DC (14 Jun 2023)  |
| 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       | Connector Housings   |
| Series         | 220958   |
| Description    | 5.00mm R-Power RAST Female Connector, 10.0A, Tin Plated, 2 Circuits, UL94-V0, Dual Row Coding Keys, Fully Coded, Open End Walls, Latch Between Circuit 1 &2, Black |
| Product Family | RAST Connector System  |
| Product Name   | RAST R-Power   |
| UPC            | 196823311215   |

### Agency

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

### Electrical

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

### Physical

|                                |              |
|--------------------------------|--------------|
| Circuits (Loaded)              | 2            |
| Circuits (maximum)             | 2            |
| Color - Resin                  | Black        |
| Durability (mating cycles max) | 10           |
| Flammability                   | 94V-0        |
| Gender                         | Female       |
| Glow-Wire Capable              | No           |
| Lock to Mating Part            | None         |
| Material - Metal               | Copper Alloy |
| Material - Plating Mating      | Tin          |
| Material - Plating Termination | Tin          |

|                               |                |
|-------------------------------|----------------|
| Material - Resin              | Nylon          |
| Net Weight                    | 0.721/g        |
| Number of Rows                | 1              |
| Packaging Type                | Tray           |
| Panel Mount                   | No             |
| Pitch - Mating Interface      | 5.00mm         |
| Pitch - Termination Interface | 5.00mm         |
| Polarized to Mating Part      | Yes            |
| Stackable                     | No             |
| Temperature Range - Operating | -40° to +120°C |
| Termination Interface Style   | IDT or Pierce  |
| Wire Size (AWG)               | 18             |

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## 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 |