



**Part Number :** [2209580003](#)  
**Product Description :** 5.00mm R-Power RAST Female Connector, 10.0A, Tin Plated, 5 Circuits, UL94-V0, Fully Coded, Open End Walls, Black  
**Series Number :** 220958  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources

**Drawings**  
[Drawing 2209583001\\_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
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

|                |                                                                                                                  |
|----------------|------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                           |
| Category       | Connector Housings                                                                                               |
| Series         | 220958                                                                                                           |
| Description    | 5.00mm R-Power RAST Female Connector, 10.0A, Tin Plated, 5 Circuits, UL94-V0, Fully Coded, Open End Walls, Black |
| Product Family | RAST Connector System                                                                                            |
| Product Name   | RAST R-Power                                                                                                     |
| UPC            | 196823311246                                                                                                     |

#### Agency

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

#### Electrical

|                               |         |
|-------------------------------|---------|
| Current - Maximum per Contact | 10.0A   |
| Voltage - Maximum             | 250V AC |

#### Physical

|                                |              |
|--------------------------------|--------------|
| Circuits (Loaded)              | 5            |
| Circuits (maximum)             | 5            |
| 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                     | 1.755/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 |