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Part Number:

0916273001

Status:

Active

Overview:

RAST Power Connector

Description:

5.00mm Pitch Appli-Mate RAST Power IDT Housing, Direct/Indirect, Female, 5 Circuits, Glow-Wire Capable, Fully Coded, Open End Walls

Documents:

[Drawing \(PDF\)](#)

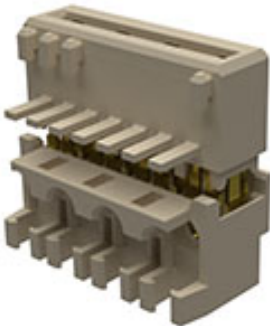
[3D Model](#)

[RoHS Certificate of Compliance \(PDF\)](#)

|                                |                              |
|--------------------------------|------------------------------|
| Agency Certification           |                              |
| CSA                            | LR19980                      |
| UL                             | E29179                       |
| General                        |                              |
| Product Family                 | IDT and Solder Connectors    |
| Series                         | 91627                        |
| Crimp Quality Equipment        | Yes                          |
| Overview                       | RAST Power Connector         |
| Product Name                   | RAST Power                   |
| UPC                            | 822348790579                 |
| Use With                       | RAST Standard Interface      |
| Physical                       |                              |
| Circuits (Loaded)              | 5                            |
| Circuits (maximum)             | 5                            |
| Color - Resin                  | Natural                      |
| Durability (mating cycles max) | 10                           |
| Flammability                   | 94V-2                        |
| Gender                         | Female                       |
| Glow-Wire Capable              | Yes                          |
| Lock to Mating Part            | None                         |
| Material - Metal               | High Performance Alloy (HPA) |
| Material - Plating Mating      | Tin                          |
| Material - Plating Termination | Tin                          |
| Material - Resin               | Nylon                        |
| Net Weight                     | 3.463/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, 20, 22, 24               |

|                               |         |
|-------------------------------|---------|
| Electrical                    |         |
| Current - Maximum per Contact | 6.0A    |
| Voltage - Maximum             | 250V AC |

Material Info



Series image - Reference only

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - ED/71/2019 (16 July 2019)                 |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Not Low-Halogen                                               |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

91627 Series

Mates With

93071

Application Tooling | [FAQ](#)

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

|                                                  |           |
|--------------------------------------------------|-----------|
| Global                                           |           |
| Description                                      | Product # |
| Appli-Mate RAST 2.5 Power Manual Terminator      | 622030000 |
| RAST 2.5 Power Semi-Automatic Terminator Machine | 623006000 |
| Hand Tool for Appli-Mate RAST Power Connectors   | 638276200 |

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