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Part Number: [0916270003](#)
Status: **Active**
Overview: [RAST Power Connector](#)
Description: 5.00mm Pitch Appli-Mate RAST Power IDT Housing, Direct/Indirect, Female, 2 Circuits, Glow-Wire Capable, Removed Coding Keys D, End Wall Open

Documents:

| | |
|---|--|
| 3D Model | Application Specification AS-91627-001 (PDF) |
| Drawing (PDF) | Packaging Specification 916270001-001 (PDF) |
| Product Specification 916270001-000 (PDF) | Packaging Specification PK-91627-001-001 (PDF) |
| Product Specification PS-91627-001-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification 916270001-002 (PDF) | |

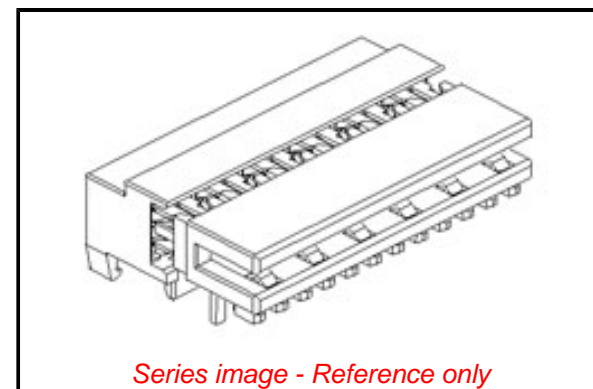
Agency Certification

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

General

| | |
|----------------|--|
| Product Family | IDT and Solder Connectors |
| Series | 91627 |
| 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. <P><P> 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). <P> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options.""</p> <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. <P><P> 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). <P> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options.""</p> <p>Yes</p> |

Crimp Quality Equipment



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[91627 Series](#)

Mates With

[90860 Appli-Mate Vertical Header](#). [90861 Appli-Mate Right Angle Header](#)

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 |

| | |
|------------------------------------|---------------------------------|
| Overview | <u>RAST Power Connector</u> |
| Product Name | RAST Power |
| UPC | 822350380799 |
| Use With | RAST standard Interface |
| 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 | High Performance Alloy (HPA) |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |
| Net Weight | 1.378/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 | No |
| 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 | |
| Reference - Drawing Numbers | |
| Application Specification | 916270001-002, AS-91627-001 |
| Packaging Specification | 916270001-001, PK-91627-001-001 |
| Product Specification | 916270001-000, PS-91627-001-001 |
| Sales Drawing | 916270001-000, SD-93322-001 |

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