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Part Number: 0916271014

Status: Active

Overview: RAST Power Connector

Description: 5.00mm Pitch Appli-Mate RAST Power IDT Housing, Direct/Indirect, Female, 3 Circuits,

Glow-Wire Capable, Removed Coding Keys B, C, D and E, End Wall Open

Documents:

3D Model Drawing (PDF)

Product Specification 916270001-000 (PDF)
Product Specification PS-91627-001-001 (PDF)
Application Specification 916270001-002 (PDF)

Application Specification AS-91627-001 (PDF)
Packaging Specification 916270001-001 (PDF)
Packaging Specification PK-91627-001-001 (PDF)

"""This Molex product is manufactured from material

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA UL

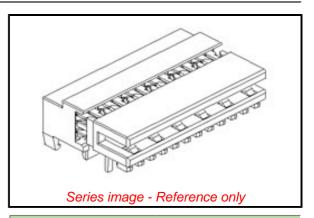
General

Product Family Series Comments LR19980 E29179

IDT and Solder Connectors

91627

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.""". """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.""" Yes



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

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates 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

DescriptionAppli-Mate RAST

Product #

Appli-Mate RAST <u>622030000</u> 2.5 Power Manual

Terminator

Terrimator

RAST 2.5 Power <u>623006000</u>

Semi-Automatic
Terminator Machine

Hand Tool for Appli- 638276200

Mate RAST Power

Connectors

Crimp Quality Equipment

Overview RAST Power Connector

Product Name RAST Power UPC 883906938567

Use With RAST standard Interface

Physical

Circuits (Loaded) 3 Circuits (maximum) 3

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 2.073/g Number of Rows 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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