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Part Number: [0916270005](#)

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 B, End Wall Open

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification 916270001-000 \(PDF\)](#)

[Product Specification PS-91627-001-001 \(PDF\)](#)

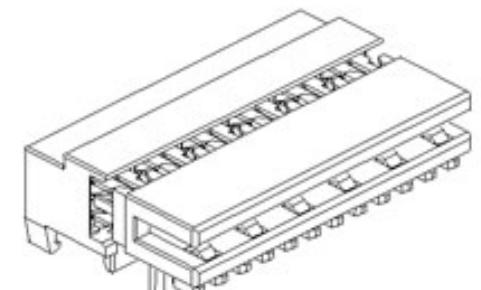
[Application Specification 916270001-002 \(PDF\)](#)

[Application Specification AS-91627-001 \(PDF\)](#)

[Packaging Specification 916270001-001 \(PDF\)](#)

[Packaging Specification PK-91627-001-001 \(PDF\)](#)

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



Series image - Reference only

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Comments

IDT and Solder Connectors

91627

""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."", ""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

ELV

RoHS Phthalates

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 622030000

2.5 Power Manual

Terminator

RAST 2.5 Power 623006000

Semi-Automatic

Terminator Machine

Hand Tool for Appli- 638276200

Mate RAST Power

Connectors

Overview
Product Name
UPC
Use With

RAST Power Connector
RAST Power
822350322980
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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