This document was generated on 04/22/2019

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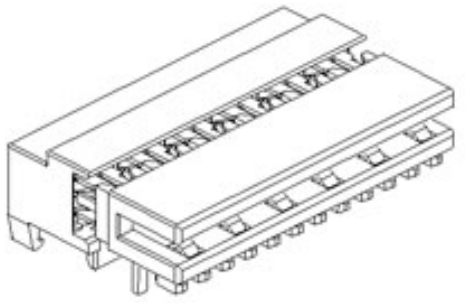
Part Number: 0916277003
Status: Active
Overview: RAST Power Connector
Description: 5.00mm Pitch Appli-Mate RAST Power IDT Housing, Direct/Indirect, Female, 9 Circuits, Glow-Wire Capable, Removed Coding Keys None, End Wall Open, Polarizing Rib 2 &3



Series image - Reference only

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)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	IDT and Solder Connectors
Series	91627
Comments	"""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."""
Crimp Quality Equipment	Yes

EU ELV
Not Relevant

EU RoHS | **China 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	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

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	RAST Power Connector
Product Name	RAST Power
UPC	883906919191
Use With	RAST standard Interface

Physical

Circuits (Loaded)	9
Circuits (maximum)	9
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	6.244/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	Polarizing Ribs
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

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
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