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Part Number: [0916272004](#)
Status: **Active**
Overview: [RAST Power Connector](#)
Description: 5.00mm Pitch Appli-Mate RAST Power IDT Housing, Direct/Indirect, Female, 4 Circuits, Glow-Wire Capable, Removed Coding Keys B, D, E, F, G and H, 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

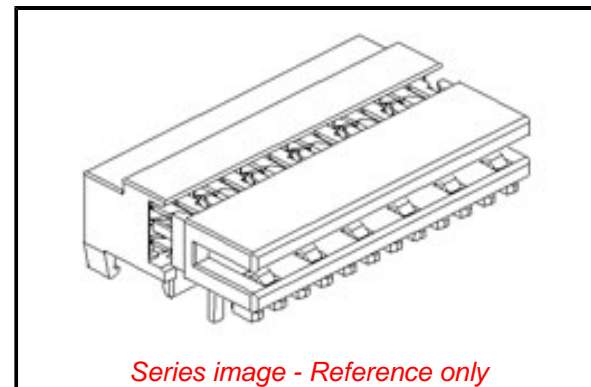
CSA	LR19980
UL	E29179

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>

Crimp Quality Equipment

Yes



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	822350666398
Use With	RAST standard Interface
Physical	
Circuits (Loaded)	4
Circuits (maximum)	4
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	2.768/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	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	
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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