

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0916270009](#)  
**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 A and B, End Wall Open

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-91627-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 916270001-001 (PDF)</a>
<a href="#">Product Specification 916270001-000 (PDF)</a>	<a href="#">Packaging Specification PK-91627-001-001 (PDF)</a>
<a href="#">Product Specification PS-91627-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification 916270001-002 (PDF)</a>	

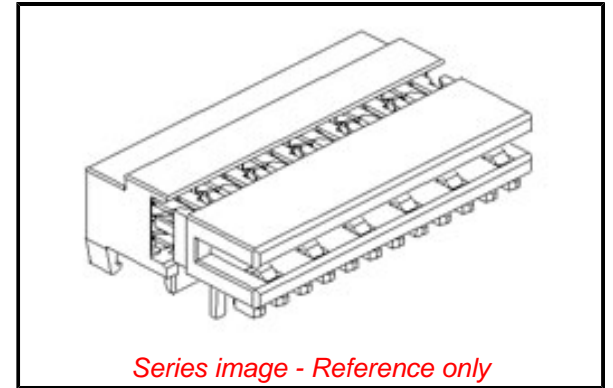
**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	IDT and Solder Connectors
Series	<a href="#">91627</a>
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. &lt;P&gt;&lt;P&gt; 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). &lt;P&gt; 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. &lt;P&gt;&lt;P&gt; 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). &lt;P&gt; 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	<a href="#">622030000</a>
RAST 2.5 Power Semi-Automatic Terminator Machine	<a href="#">623006000</a>
Hand Tool for Appli-Mate RAST Power Connectors	<a href="#">638276200</a>

Overview	<u>RAST Power Connector</u>
Product Name	RAST Power
UPC	822350787918
Use With	RAST standard Interface
<b>Physical</b>	
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	Yes
Stackable	No
Temperature Range - Operating	-40° to +120°C
Termination Interface: Style	IDT or Pierce
Wire Size AWG	18, 20, 22, 24
<b>Electrical</b>	
Current - Maximum per Contact	6.0A
Voltage - Maximum	250V AC
<b>Solder Process Data</b>	
Lead-free Process Capability	N/A
<b>Material Info</b>	
<b>Reference - Drawing Numbers</b>	
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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