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Part Number:

0916270005

Status:

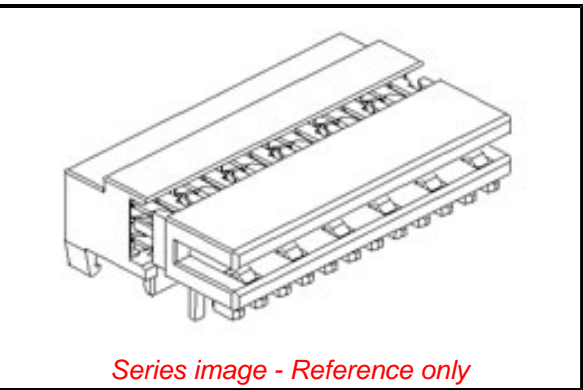
Active

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	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	""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	<u>RAST Power Connector</u>
Product Name	RAST Power
UPC	822350322980
Use With	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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Mouser Electronics

Authorized Distributor

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Molex:

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