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**Part Number:** [0919990018](#)  
**Status:** **Active**  
**Overview:** [RAST 5 Connector System](#)  
**Description:** Appli-Mate RAST 5.0 Header, Vertical, 2 Circuits, Tin (Sn) Plating, Glow Wire Capable

**Documents:**

[3D Model](#) [Packaging Specification PK-90858-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-99020-0037-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

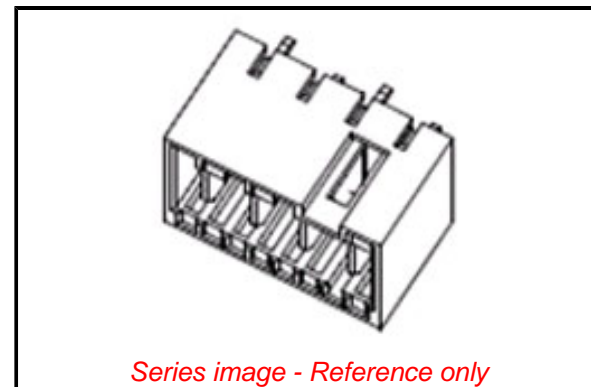
**General**

Product Family PCB Headers  
 Series [91999](#)  
 Application Power, Wire-to-Board  
 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."

Overview [RAST 5 Connector System](#)  
 Product Name RAST 5  
 UPC 822350961011

**Physical**

Breakaway No  
 Circuits (Loaded) 2  
 Circuits (maximum) 2  
 Color - Resin Natural  
 Durability (mating cycles max) 10  
 First Mate / Last Break No  
 Flammability 94V-0  
 Glow-Wire Compliant Yes  
 Guide to Mating Part No  
 Keying to Mating Part Yes  
 Lock to Mating Part No  
 Material - Metal Brass  
 Material - Plating Mating Tin  
 Material - Resin Nylon  
 Net Weight 3.506/g  
 Number of Rows 1



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/108/2014 (17 Dec 2014)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Reviewed

**Search Parts in this Series**

[91999 Series](#)

**Mates With**

Appli-Mate RAST 5 IDT Housing [91778](#) , [91779](#)

**Use With**

RAST Standard Interface

Orientation	Vertical
PC Tail Length	3.90mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.40mm
Packaging Type	Bag
Pitch - Mating Interface	5.00mm
Pitch - Termination Interface	5.00mm
Plating min - Mating	5.080µm
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-20°C to +120°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	16.0A
Voltage - Maximum	250V AC

**Solder Process Data**

Lead-free Process Capability	N/A
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**Material Info**

Engineering Number	WITH ZYTEL RM
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**Reference - Drawing Numbers**

Packaging Specification	PK-90858-001-001
Product Specification	PS-99020-0037-001
Sales Drawing	SD-91999-001, SD-93319-001

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