

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

**Part Number:** [91999-1999](#)

**Status:** **Active**

**Overview:** [RAST 5 Connector System](#)

**Description:** Appli-Mate RAST 5.0 Header, Vertical, 4 Circuits, Silver (Ag) Plating, Glow Wire Compatible

**Documents:**

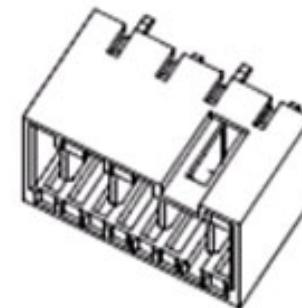
[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-99020-0037 \(PDF\)](#)

[Packaging Specification PK-90858-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)



**Series**

*image - Reference only*

**Agency Certification**

CSA  
UL

**General**

Product Family  
Series  
Application  
Comments

LR19980  
E29179

PCB Headers

91999

Power, Wire-to-Board

"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."

[RAST 5 Connector System](#)

RAST 5

883906120559

Overview

Product Name

UPC

**Physical**

Breakaway  
Circuits (Loaded)  
Circuits (maximum)  
Color - Resin  
Durability (mating cycles max)  
First Mate / Last Break  
Flammability  
Glow-Wire Compliant  
Guide to Mating Part  
Keying to Mating Part  
Lock to Mating Part  
Material - Metal  
Material - Plating Mating  
Material - Plating Termination

No

4

4

Natural

10

No

94V-0

Yes

No

Yes

Yes

Brass

Silver

Nickel

**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

**Contains SVHC: No**

**Low-Halogen Status**

**Not Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[91999Series](#)

**Mates With**

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

**Use With**

[RAST Standard Interface](#)

Material - Resin	Nylon
Net Weight	4.334/g
Number of Rows	1
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	2.032µm
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-20C to +120C
Termination Interface: Style	Through Hole

### **Electrical**

Current - Maximum per Contact	16A
Voltage - Maximum	250V AC

### **Material Info**

Old Part Number	WITH ZYTEL RM
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### **Reference - Drawing Numbers**

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

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