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**Part Number:** [0908582012](#)  
**Status:** **Active**  
**Overview:** [rast 5 connector system](#)  
**Description:** 5.00mm (.197") Pitch Appli-Mate RAST 5 Header, Vertical, 5 Circuits, Reference K44

**Documents:**

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

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family PCB Headers  
 Series [90858](#)  
 Application Power, Wire-to-Board  
 Overview [rast 5 connector system](#)  
 Product Name RAST 5

**Physical**

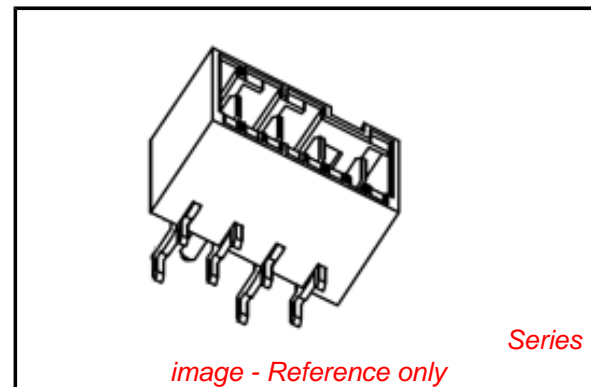
Breakaway No  
 Circuits (Loaded) 5  
 Circuits (maximum) 5  
 Color - Resin Natural  
 Durability (mating cycles max) 10  
 First Mate / Last Break No  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part None  
 Material - Metal Brass  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 3.50mm (.138")  
 PCB Locator Yes  
 PCB Retention None  
 PCB Thickness - Recommended 1.40mm (.055")  
 Packaging Type Bag  
 Pitch - Mating Interface 5.00mm (.197")  
 Polarized to PCB Yes  
 Shrouded Fully  
 Stackable Yes  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -20°C to +85°C  
 Termination Interface: Style Through Hole

**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 10  
 Lead-free Process Capability Wave Capable (TH only)



*image - Reference only*

**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**

[90858Series](#)

**Mates With**

Appli-Mate 5.0 IDT Connector System  
 Female Receptacle [90835](#) , [90833](#)

Process Temperature max. C 260

**Material Info**

**Reference - Drawing Numbers**

|                         |               |
|-------------------------|---------------|
| Packaging Specification | PK-90858-001  |
| Product Specification   | PS-99020-0037 |
| Sales Drawing           | SD-90858-001  |

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