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**Part Number:** [0908580502](#)  
**Status:** **Active**  
**Overview:** RAST 5 Connector System  
**Description:** 5.00mm Pitch Appli-Mate RAST 5 Header, Vertical, 3 Circuits, Reference K01

**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  
 UPC 800754881197

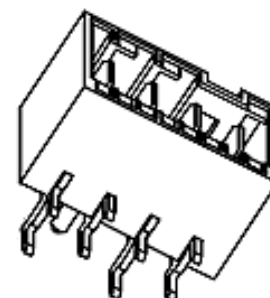
**Physical**

Breakaway No  
 Circuits (Loaded) 3  
 Circuits (maximum) 3  
 Color - Resin Natural  
 Durability (mating cycles max) 10  
 First Mate / Last Break No  
 Flammability 94V-0  
 Glow-Wire Capable 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  
 Net Weight 3.558/g  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 3.50mm  
 PCB Locator Yes  
 PCB Retention None  
 PCB Thickness - Recommended 1.40mm  
 Packaging Type Bag  
 Pitch - Mating Interface 5.00mm  
 Polarized to PCB Yes  
 Shrouded Fully  
 Stackable Yes  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -20° to +85°C  
 Termination Interface: Style Through Hole

**Electrical**

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

**Material Info**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/61/2018 (27 June  
 2018)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

Not Relevant

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[90858 Series](#)

**Mates With**

Appli-Mate RAST 5 IDT Connector System  
 Female Receptacle [90835](#) , [90833](#)

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