

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

**Part Number:** [0908580004](#)  
**Status:** **Active**  
**Overview:** [rast 5 connector system](#)  
**Description:** 5.00mm (.197") Pitch Appli-Mate RAST 5 Header, Vertical, 2 Circuits, Reference K02

**Documents:**

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

**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

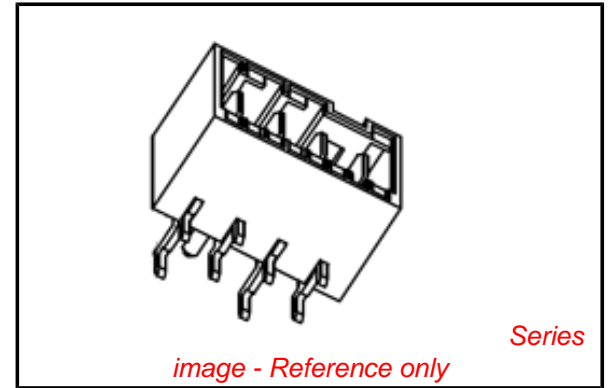
**Physical**

Breakaway No  
 Circuits (Loaded) 2  
 Circuits (maximum) 2  
 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

**Material Info**



*image - Reference only*

**EU RoHS**

**ELV and RoHS  
 Compliant**  
**REACH SVHC  
 Not Reviewed**  
**Low-Halogen Status  
 Not Reviewed**

**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](#)

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

PK-90858-001

PS-99020-0037

SD-90858-001

This document was generated on 02/22/2011

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**