

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

**Part Number:** [0908580495](#)  
**Status:** **Active**  
**Overview:** RAST 5 Connector System  
**Description:** 5.00mm Pitch Appli-Mate RAST 5 Header, Vertical, 2 Circuits, Silver Plating, Reference K03

**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 822350087704

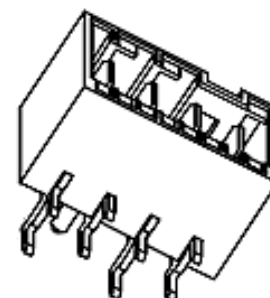
**Physical**

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 Capable No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part None  
 Material - Metal Brass  
 Material - Plating Mating Silver  
 Material - Plating Termination Silver  
 Net Weight 2.684/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](#)

This document was generated on 09/25/2018

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

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Power to the Board](#) category:*

*Click to view products by [Molex](#) manufacturer:*

Other Similar products are found below :

[6450171-4](#) [6450552-7](#) [6600323-8](#) [6643429-1](#) [6646040-2](#) [6651939-1](#) [6766604-1](#) [120959-1](#) [1393557-2](#) [1393532-2](#) [1393532-3](#) [1393532-4](#)  
[1393557-1](#) [1600812-5](#) [1-6450861-2](#) [1744132-7](#) [1761122-1](#) [1766250-1](#) [1892109-1](#) [2-6450860-5](#) [2-6450870-0](#) [1-6450161-4](#) [1-6450850-6](#) [1-6450869-6](#) [1645526-2](#) [1-6600130-0](#) [2005243-2](#) [377-0020-11130](#) [TE34-12-16P-F0](#) [5-6450830-6](#) [5646956-4](#) [377-0080-11131A](#) [4-6450830-9](#)  
[4-6600333-3](#) [10125416-4050LF](#) [6600320-3](#) [3-6450860-5](#) [1888123-2](#) [6450166-1](#) [6643978-1](#) [6766605-1](#) [701-15-02109](#) [N11444](#) [6651938-1](#)  
[6450810-7](#) [46437-1112](#) [1-1589677-8](#) [5646956-5](#) [6450813-2](#) [6450129-4](#)