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Part Number: [0908580003](#)
Status: **Active**
Overview: RAST 5 Connector System
Description: 5.00mm Pitch Appli-Mate RAST 5 Header, Vertical, 2 Circuits, Reference K01

Documents:

[3D Model](#) [Packaging Specification PK-90833-001-001 \(PDF\)](#)
[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
 UPC 800754323123

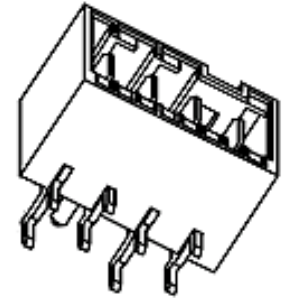
Physical

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 Tin
 Material - Plating Termination Tin
 Net Weight 2.712/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

Solder Process Data



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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[90858](#) Series

Mates With

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

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	WAVE
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-90833-001-001
Product Specification	PS-99020-0037

This document was generated on 09/24/2018

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