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**Part Number:** [0908580020](#)  
**Status:** **Active**  
**Overview:** [rast 5 connector system](#)  
**Description:** 5.00mm (.197") Pitch Appli-Mate RAST 5 Header, Vertical, 2 Circuits, Reference K04

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-90833-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-90858-001 (PDF)</a>
<a href="#">Product Specification PS-99020-0037 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">90858</a>
Application	Power, Wire-to-Board
Overview	<a href="#">rast 5 connector system</a>
Product Name	RAST 5

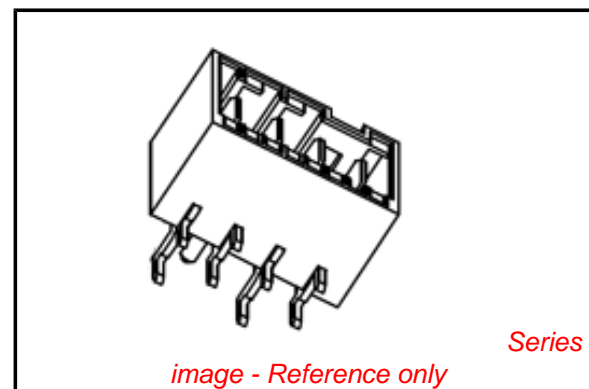
**Physical**

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 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](#)

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

PK-90833-001, PK-90858-001

PS-99020-0037

SD-90858-001

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