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Part Number: [0908582012](#)
Status: **Active**
Overview: [rast 5 connector system](#)
Description: 5.00mm (.197") Pitch Appli-Mate RAST 5 Header, Vertical, 5 Circuits, Reference K44

Documents:

3D Model	Packaging Specification PK-90833-001 (PDF)
Drawing (PDF)	Packaging Specification PK-90858-001 (PDF)
Product Specification PS-99020-0037 (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

Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
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

Solder Process Data

Duration at Max. Process Temperature (seconds)	10
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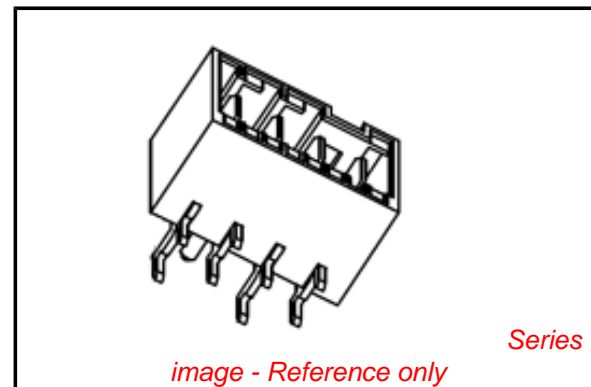


image - Reference only

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
 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](#)

Lead-free Process Capability
Process Temperature max. C

Wave Capable (TH only)
260

Material Info

Reference - Drawing Numbers

Packaging Specification
Product Specification
Sales Drawing

PK-90833-001, PK-90858-001
PS-99020-0037
SD-90858-001

This document was generated on 05/09/2011

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