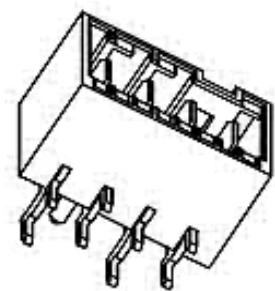




Part Number : [908580020](#)
Product Description : 5.00mm Pitch Appli-Mate
RAST 5 Header, Vertical, 2 Circuits, Reference K04
Series Number : 90858
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[908580020_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	Not Relevant
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	90858
Description	5.00mm Pitch Appli-Mate RAST 5 Header, Vertical, 2 Circuits, Reference K04
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Name	RAST 5
UPC	822350086677

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	16.0A
Voltage - Maximum	250V

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Natural
Durability (mating cycles max)	10

First Mate / Last Break	No
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
Packaging Type	Bag
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.40mm
PC Tail Length	3.50mm
Pitch - Mating Interface	5.00mm
Polarized to PCB	Yes
Shrouded	Fully
Stackable	Yes
Temperature Range - Operating	-20° to +120°C
Termination Interface Style	Through Hole

Application Tooling

Global

Description	Part Number
RAST 5 Power Semi-Automatic IDC Machine	<u>2166580200</u>