

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [172042-0504](#)
Status: **Active**
Description: Vertical Header, 5 Circuit, Short Solder Tail with Board Lock

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	172042
Application	Power, Signal, Wire-to-Board
Comments	Operating Temperature Per USCAR-2; Class 3
Product Name	N/A
UPC	887191565286

Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Glow-Wire Compliant	Yes
Lock to Mating Part	Yes
Material - Metal	Copper
Material - Plating Mating	Silver
Material - Plating Termination	Matte Tin, Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	6.405/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.81mm
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface	7.50mm
Plating min - Mating	0.025µm
Plating min - Termination	0.025µm
Polarized to Mating Part	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +125°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	30A per blade
Voltage - Maximum	600V AC (RMS)

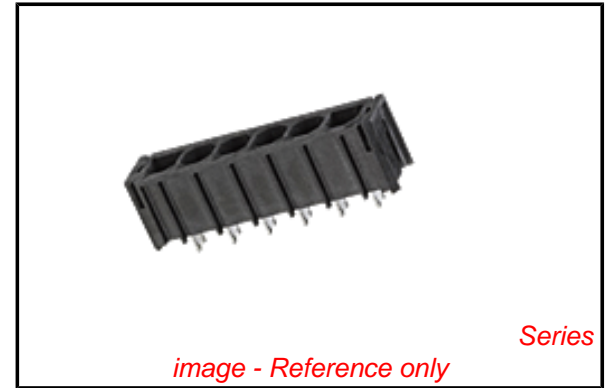
Solder Process Data

Duration at Max. Process Temperature (seconds)	30
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-172042-001
---------------	---------------



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

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

[172042Series](#)

Mates With

[44441 Crimp Housing](#)

This document was generated on 03/24/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION