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Part Number: [0026644120](#)
Status: **Active**
Description: 3.96mm (.156") Pitch KK® Solid Header, Vertical, Friction Lock, with Press-fit Plastic Peg PCB Lock, 12 Circuits, Tin (Sn) Plating

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)

[Product Specification PS-08-50 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family PCB Headers
Series [42491](#)
Application Wire-to-Board
Product Name KK®

Physical

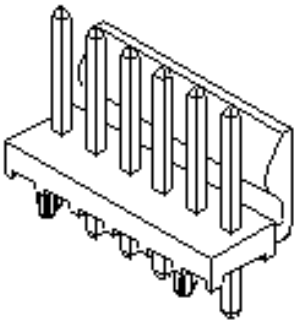
Breakaway No
Circuits (Loaded) 12
Circuits (maximum) 12
Durability (mating cycles max) 25
Flammability 94V-0
Glow-Wire Compliant No
Lock to Mating Part Yes
Material - Metal Brass
Material - Plating Mating Tin
Material - Plating Termination Tin
Number of Rows 1
Orientation Vertical
PC Tail Length (in) 0.140 In
PC Tail Length (mm) 3.56 mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness Recommended (in) 0.062 In
PCB Thickness Recommended (mm) 1.60 mm
Packaging Type Bag
Pitch - Mating Interface (in) 0.156 In
Pitch - Mating Interface (mm) 3.96 mm
Plating min: Mating (µin) 200
Plating min: Mating (µm) 5
Plating min: Termination (µin) 200
Plating min: Termination (µm) 5
Polarized to Mating Part Yes
Polarized to PCB Yes
Shrouded Partial
Stackable Yes
Temperature Range - Operating 0°C to +75°C
Termination Interface: Style Through Hole

Electrical

CSA LR19980
Current - Maximum 7A
UL E29179
Voltage - Maximum 250V

Solder Process Data

Duration at Max. Process Temperature (seconds) 5



*Series
image - Reference only*

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

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
[42491Series](#)

Mates With
[3069](#) , [2139](#) , [2145](#) , [6442](#) , [7674](#) , [7675](#) ,
[41695](#) , L ink:41815

Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235

Material Info

Old Part Number	42491-0012
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Reference - Drawing Numbers

Product Specification	PS-08-50
Sales Drawing	SD-42491-001

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