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Part Number: [0022281032](#)
Status: **Active**
Description: 2.54mm (.100") Pitch KK® Header, Breakaway, Right Angle, with Friction Lock, 3 Circuits, 0.76µm (30µ") Gold (Au) Selective Plating

Documents:

- [3D Model](#)
[Drawing \(PDF\)](#)
[Packaging Specification \(PDF\)](#)
- [Product Specification PS-10-07 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

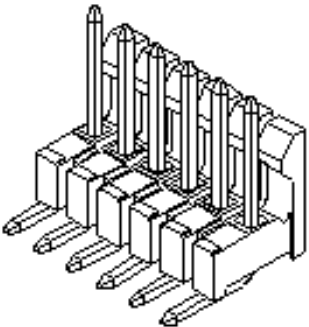
Product Family PCB Headers
Series [42228](#)
Application Wire-to-Board
Application Tooling Part Link [011201230](#)
Product Name KK®

Physical

Breakaway Yes
Circuits (Loaded) 3
Circuits (maximum) 3
Color - Resin Black
Durability (mating cycles max) 100
Flammability 94V-0
Glow-Wire Compliant No
Lock to Mating Part Yes
Material - Metal Brass
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin Nylon
Number of Rows 1
Orientation Right Angle
PC Tail Length (in) 0.120 In
PC Tail Length (mm) 3.05 mm
PCB Locator No
PCB Retention None
PCB Thickness Recommended (in) 0.062 In
PCB Thickness Recommended (mm) 1.60 mm
Packaging Type Bag
Pitch - Mating Interface (in) 0.100 In
Pitch - Mating Interface (mm) 2.54 mm
Plating min: Mating (µin) 30
Plating min: Mating (µm) 0.75
Plating min: Termination (µin) 100
Plating min: Termination (µm) 2.5
Polarized to Mating Part Yes
Polarized to PCB No
Shrouded Partial
Stackable No
Temperature Range - Operating 0°C to +75°C
Termination Interface: Style Through Hole

Electrical

CSA LR19980
Current - Maximum 4A
UL E29179
Voltage - Maximum 250V



Series image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



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environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

Duration at Max. 5
Process Temperature (seconds)
Lead-free Process Wave Capable (TH
Capability only)
Max. Cycles at Max. 1
Process Temperature
Process Temperature 235
max. C

Search Parts in this Series

[42228](#) Series

Mates With

[2695](#) , [6471](#) , [7880](#) , [4455](#) , [7720](#)

Application Tooling | FAQ

*Tooling specifications and manuals are
found by selecting the products below.
Crimp Height Specifications are then
contained in the Application Tooling
Specification document.*

Global

Description

Cutting Tool for
2.54mm (.100")
Centers Breakaway

Product #

[0011201230](#)

Material Info

Old Part Number 42228-0073

Reference - Drawing Numbers

Product Specification PS-10-07
Sales Drawing SD-42228-001
Sales Drawing SD-42228-002
Sales Drawing SD-42228-003

Headers, 2-80
Circuits

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