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Part Number: [22-28-4284](#)
Status: **Active**
Description: 2.54mm Pitch KK® Header, Breakaway, Vertical, 28 Circuits, 0.38µm Gold (Au)
 Selective Plating, Mating Pin Length 8.13mm

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [42375](#)
 Application Board-to-Board, Signal, Wire-to-Board
 Product Name KK®
 UPC 800753785946

Physical

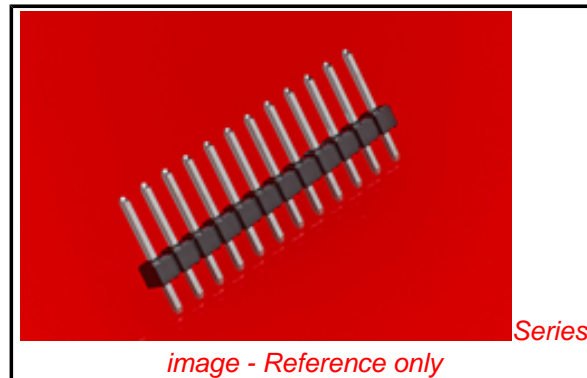
Breakaway Yes
 Circuits (Loaded) 28
 Circuits (maximum) 28
 Color - Resin Black
 Durability (mating cycles max) 100
 First Mate / Last Break No
 Flammability 94V-0
 Glow-Wire Compliant No
 Guide to Mating Part No
 Keying to Mating Part None
 Lock to Mating Part None
 Material - Plating Mating Gold
 Material - Resin High Temperature Thermoplastic
 Net Weight 2.056/g
 Number of Rows 1
 Orientation Vertical
 PC Tail Length 3.05mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 1.60mm
 Packaging Type Bag
 Pitch - Mating Interface 2.54mm
 Polarized to Mating Part No
 Polarized to PCB No
 Shrouded No
 Stackable No
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating See Product Specification
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 4A
 Voltage - Maximum 250V

Solder Process Data

Duration at Max. Process Temperature (seconds) 5



EU RoHS

**ELV and RoHS
 Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



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 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

[42375Series](#)

Mates With

KK® Crimp Housing [2695](#) , [6471](#) , [7880](#) ,
 KK® PC Board Connector [4455](#)

Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

Old Part Number	42375-0168
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Reference - Drawing Numbers

Product Specification	PS-10-07
Sales Drawing	SD-42375-001

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