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Part Number: [0022280301](#)
Status: **Contact Molex**
Description: 2.54mm (.100") Pitch KK® Header, Breakaway, Vertical, with Friction Lock, 30 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating

Documents:

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

Agency Certification

CSA LR19980

General

Product Family PCB Headers
 Series [42227](#)
 Application Signal, Wire-to-Board
 Application Tooling Part Link 011201230
 Product Name KK®

Physical

Breakaway Yes
 Circuits (Loaded) 30
 Circuits (maximum) 30
 Durability (mating cycles max) 100
 Flammability 94V-0
 Glow-Wire Compliant No
 Lock to Mating Part Yes
 Material - Plating Mating Gold
 Number of Rows 1
 Orientation Vertical
 PC Tail Length 3.05mm (.120")
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 1.60mm (.063")
 Packaging Type Bag
 Pitch - Mating Interface 2.54mm (.100")
 Polarized to Mating Part No
 Polarized to PCB No
 Shrouded No
 Stackable No
 Temperature Range - Operating 0°C to +75°C
 Termination Interface: Style Through Hole

Electrical

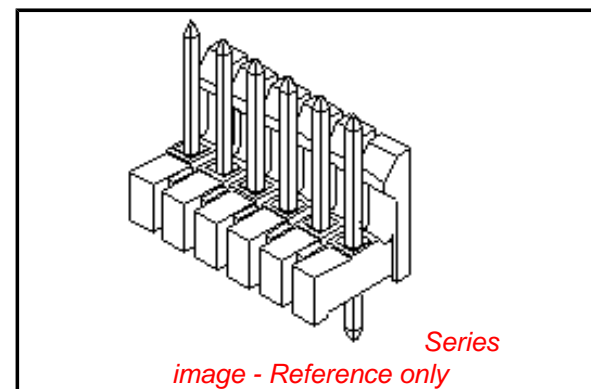
Current - Maximum per Contact 4A
 Voltage - Maximum 250V

Solder Process Data

Duration at Max. Process Temperature (seconds) 5
 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 42227-0065



EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
 Not Reviewed
Low-Halogen 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

[42227Series](#)

Mates With

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

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-10-07
SD-42227-001

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