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**Part Number:** **0022286312**  
**Status:** **Contact Molex**  
**Description:** 2.54mm (.100") Pitch KK® Header, Breakaway, Right Angle, 31 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating, Mating Pin Length 9.17mm (.361")

**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 [42376](#)  
 Application Board-to-Board, Signal, Wire-to-Board  
 Application Tooling Part Link 011201230  
 Product Name KK®

**Physical**

Breakaway Yes  
 Circuits (Loaded) 31  
 Circuits (maximum) 31  
 Durability (mating cycles max) 25  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Material - Plating Mating Gold  
 Number of Rows 1  
 Orientation Right Angle  
 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  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating 0°C to +75°C  
 Termination Interface: Style Through Hole

**Electrical**

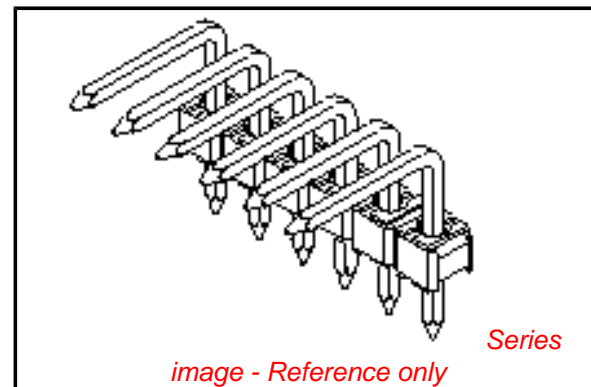
Current - Maximum per Contact 4A  
 Voltage - Maximum 250V

**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 42376-0066



*image - Reference only*

**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](mailto: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**

[42376Series](#)

**Mates With**

[2695](#) , [6471](#) , [7880](#) , [4455](#) , [7720](#) , [70430](#) , [7859](#) , [Link:90148](#) , [90147](#) , [70400a](#) , [70066a](#) , [40556](#)

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-10-07  
SD-42376-001

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