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Part Number: [41662-0028](#)
Status: **Active**
Description: 3.96mm Pitch KK® Header, Breakaway, Right Angle, 6 Circuits, 0.76µm Gold (Au) Selective Plating

Documents:

[3D Model](#) [Product Specification PS-08-50 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [41662](#)
 Application Board-to-Board, Power, Wire-to-Board
 Application Tooling Part Link 11-20-0901
 Product Name KK®
 UPC 800756055541

Physical

Breakaway Yes
 Circuits (Loaded) 6
 Circuits (maximum) 6
 Color - Resin Black
 Durability (mating cycles max) 50
 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 - Metal Brass
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Polyester
 Net Weight 2.185/g
 Number of Rows 1
 Orientation Right Angle
 PC Tail Length 4.67mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 1.60mm
 Packaging Type Bag
 Pitch - Mating Interface 3.96mm
 Pitch - Termination Interface 3.96mm
 Plating min - Mating 0.762µm
 Plating min - Termination 2.540µm
 Polarized to Mating Part Yes
 Polarized to PCB No
 Shrouded Partial
 Stackable No
 Temperature Range - Operating See Product Specification
 Termination Interface: Style Through Hole

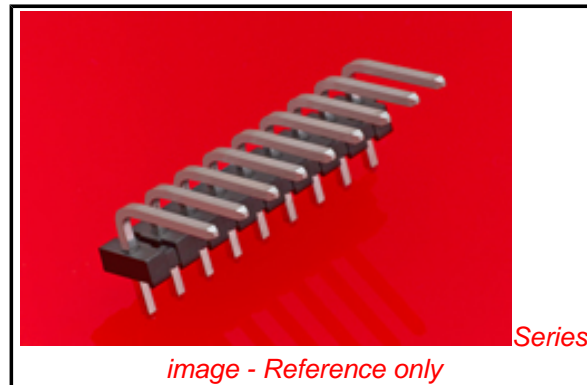


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EU RoHS

**ELV and RoHS
 Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

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

[41662Series](#)

Mates With

[2139](#) KK® Crimp Housing, [41695](#) KK®
 Crimp Housing, [6442](#) KK® Crimp Housing,
[2145](#) PCB Connector, [41815](#) PCB
 Connector, [3069](#) KK® Crimp Housing

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 7A |
| 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 | A-41662-B06Y228 |
|-----------------|-----------------|

Reference - Drawing Numbers

| | |
|-----------------------|--------------|
| Product Specification | PS-08-50 |
| Sales Drawing | SD-41662-001 |

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