

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0026486021](#)  
**Status:** **Active**  
**Description:** 3.96mm (.156") Pitch KK® Header, Breakaway, Vertical, 2 Circuits, Gold (Au) Plating, Pin length 20.85mm (.821")

**Documents:**

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

**General**

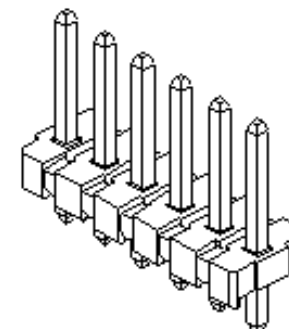
Product Family	PCB Headers
Series	41661
Application	Board-to-Board
Application	Wire-to-Board
Application Tooling Part Link	011200901
Product Name	KK®

**Physical**

Breakaway	Yes
Circuits (Loaded)	2
Circuits (maximum)	2
Circuits Detail	2
Color - Resin	Black
Durability (mating cycles max)	25
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	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.172 In
PC Tail Length (mm)	4.37 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.57 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.156 In
Pitch - Mating Interface (mm)	3.96 mm
Pitch - Term. Interface (in)	0.156 In
Pitch - Term. Interface (mm)	3.96 mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	IDT or Pierce

**Electrical**

CSA	LR19980
Current - Maximum	4.5A
UL	E29179
Voltage - Maximum	250V



Series image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Halogen-Free Status**

**China RoHS**



**Need more information on product environmental compliance?**

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

**Search Parts in this Series**

41661 Series

**Mates With**

[2139](#) KK® Crimp Housing, [41695](#) KK® Crimp Housing, [6442](#) KK® Crimp Housing, [7674](#) KK® Crimp Housing, [7675](#) KK® IDT Solder Connectors, [2145](#) PCB Connector, [41815](#) PCB Connector

**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	Product #
Cutting Tool for 3.96mm (.156") Centers Breakaway Headers, 2-24 Circuits	<a href="#">0011200901</a>

**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-41661-A2B102
-----------------	----------------

**Reference - Drawing Numbers**

Product Specification	PS-08-50
Sales Drawing	SD-41661-001

This document was generated on 11/06/2009

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**