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**Part Number:** [0022272101](#)  
**Status:** **Active**  
**Overview:** [KK®](#)  
**Description:** 2.54mm (.100") Pitch KK® Wire-to-Board Header, Vertical, with Friction Lock, 10 Circuits, Tin (Sn) Plating

**Documents:**

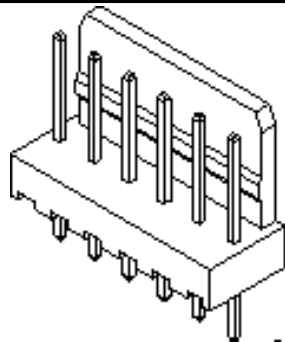
|                                                      |                                                           |
|------------------------------------------------------|-----------------------------------------------------------|
| <a href="#">3D Model</a>                             | <a href="#">Product Specification PS-99020-0088 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                        | <a href="#">RoHS Certificate of Compliance (PDF)</a>      |
| <a href="#">Product Specification PS-10-07 (PDF)</a> |                                                           |

**General**

|                |                      |
|----------------|----------------------|
| Product Family | PCB Headers          |
| Series         | <a href="#">6410</a> |
| Application    | Wire-to-Board        |
| Overview       | <a href="#">KK®</a>  |
| Product Name   | KK®                  |

**Physical**

|                                |                 |
|--------------------------------|-----------------|
| Breakaway                      | No              |
| Circuits (Loaded)              | 10              |
| Circuits (maximum)             | 10              |
| Color - Resin                  | Natural (White) |
| 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            | Yes             |
| Material - Metal               | Brass           |
| Material - Plating Mating      | Tin             |
| Material - Plating Termination | Tin             |
| Material - Resin               | Nylon           |
| Number of Rows                 | 1               |
| Orientation                    | Vertical        |
| PC Tail Length (in)            | 0.140 In        |
| PC Tail Length (mm)            | 3.56 mm         |
| PCB Locator                    | No              |
| PCB Retention                  | None            |
| PCB Thickness Recommended (in) | 0.063 In        |
| PCB Thickness Recommended (mm) | 1.60 mm         |
| Packaging Type                 | Bag             |
| Pitch - Mating Interface (in)  | 0.100 In        |
| Pitch - Mating Interface (mm)  | 2.54 mm         |
| Pitch - Term. Interface (in)   | 0.100 In        |
| Pitch - Term. Interface (mm)   | 2.54 mm         |
| Plating min: Mating (µin)      | 200             |
| Plating min: Mating (µm)       | 5               |
| Plating min: Termination (µin) | 200             |
| Plating min: Termination (µm)  | 5               |
| Polarized to Mating Part       | Yes             |
| Polarized to PCB               | No              |
| Shrouded                       | Partial         |
| Stackable                      | No              |
| Surface Mount Compatible (SMC) | No              |
| Temperature Range - Operating  | 0°C to +75°C    |



- *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)  
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**  
[6410Series](#)

**Mates With**  
KK® Crimp Terminal Housing [2695](#) , [6471](#)

|                                                |                         |
|------------------------------------------------|-------------------------|
| Termination Interface: Style                   | Through Hole            |
| <b>Electrical</b>                              |                         |
| CSA                                            | LR19980                 |
| Current - Maximum                              | 4A                      |
| UL                                             | E29179                  |
| Voltage - Maximum                              | 250V                    |
| <b>Solder Process Data</b>                     |                         |
| Duration at Max. Process Temperature (seconds) | 5                       |
| Lead-free Process Capability                   | Wave Capable (TH only)  |
| Max. Cycles at Max. Process Temperature        | 3                       |
| Process Temperature max. C                     | 230                     |
| <b>Material Info</b>                           |                         |
| Old Part Number                                | AE-6410-10A(102)        |
| <b>Reference - Drawing Numbers</b>             |                         |
| Product Specification                          | PS-10-07, PS-99020-0088 |
| Sales Drawing                                  | SDAE-6410-N             |

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