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**Part Number:** [0022053061](#)  
**Status:** **Active**  
**Overview:** [KK Interconnect Solutions](#)  
**Description:** KK 254 Solid Header, Right-Angle, with Friction Lock, 6 Circuits, Tin (Sn) Plating

**Documents:**  
[3D Model](#) [Packaging Specification PK-7478-001-000 \(PDF\)](#)  
[3D Model \(PDF\)](#) [Symbol Footprint Data SYM-22-05-3061-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-10-07-001 \(PDF\)](#)

|                                                |                                           |
|------------------------------------------------|-------------------------------------------|
| <b>Agency Certification</b>                    |                                           |
| CSA                                            | LR19980                                   |
| UL                                             | E29179                                    |
| <b>General</b>                                 |                                           |
| Product Family                                 | PCB Headers                               |
| Series                                         | <a href="#">7478</a>                      |
| Application                                    | Signal, Wire-to-Board                     |
| Overview                                       | <a href="#">KK Interconnect Solutions</a> |
| Product Name                                   | KK 254                                    |
| UPC                                            | 800753591189                              |
| <b>Physical</b>                                |                                           |
| Breakaway                                      | No                                        |
| Circuits (Loaded)                              | 6                                         |
| Circuits (maximum)                             | 6                                         |
| Color - Resin                                  | Natural (White)                           |
| Durability (mating cycles max)                 | 25                                        |
| Flammability                                   | 94V-0                                     |
| Glow-Wire Capable                              | No                                        |
| Lock to Mating Part                            | Yes                                       |
| Material - Metal                               | Brass                                     |
| Material - Plating Mating                      | Tin                                       |
| Material - Resin                               | Nylon                                     |
| Net Weight                                     | 0.794/g                                   |
| Number of Rows                                 | 1                                         |
| Orientation                                    | Right Angle                               |
| PC Tail Length                                 | 3.58mm                                    |
| PCB Locator                                    | No                                        |
| PCB Retention                                  | None                                      |
| PCB Thickness - Recommended                    | 1.60mm                                    |
| Packaging Type                                 | Bag                                       |
| Pitch - Mating Interface                       | 2.54mm                                    |
| Pitch - Termination Interface                  | 2.54mm                                    |
| Polarized to Mating Part                       | Yes                                       |
| Polarized to PCB                               | Yes                                       |
| Shrouded                                       | Partial                                   |
| Stackable                                      | Yes                                       |
| Temperature Range - Operating                  | See Product Specification                 |
| Termination Interface: Style                   | Through Hole                              |
| <b>Electrical</b>                              |                                           |
| Current - Maximum per Contact                  | 4.0A                                      |
| Voltage - Maximum                              | 500V                                      |
| <b>Solder Process Data</b>                     |                                           |
| Duration at Max. Process Temperature (seconds) | 005                                       |



Series image - Reference only

|                                                                                                                                                                                                                                 |                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b><u>EU ELV</u></b><br><b>Not Relevant</b>                                                                                                                                                                                     |                          |
| <b><u>EU RoHS</u></b><br><b>Compliant</b>                                                                                                                                                                                       | <b><u>China RoHS</u></b> |
| <b><u>REACH SVHC</u></b><br>Not Contained Per -<br>D(2020)9139-DC (19<br>Jan 2021)<br><b><u>Halogen-Free</u></b><br><b><u>Status</u></b><br><b>Low-Halogen</b><br>For more information, please visit <a href="#">Contact US</a> |                          |
| China ROHS                                                                                                                                                                                                                      | Green Image              |
| ELV                                                                                                                                                                                                                             | Not Relevant             |
| RoHS Phthalates                                                                                                                                                                                                                 | Not Contained            |

**Search Parts in this Series**  
[7478](#) Series

**Mates With**  
[2695](#) , [6471](#) , [7880](#) , [4455](#) , [7720](#)

|                                         |                    |                    |
|-----------------------------------------|--------------------|--------------------|
| Lead-free                               | Process Capability | WAVE               |
| Max. Cycles at Max. Process Temperature |                    | 001                |
| Process Temperature max. C              |                    | 235                |
| <b>Material Info</b>                    |                    |                    |
| Engineering Number                      |                    | A-7478-06A222      |
| <b>Reference - Drawing Numbers</b>      |                    |                    |
| Packaging Specification                 |                    | PK-7478-001-000    |
| Product Specification                   |                    | PS-10-07-001       |
| Sales Drawing                           |                    | SDA-7478-000       |
| Symbol/Footprint Data                   |                    | SYM-22-05-3061-001 |

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