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**Part Number:** 22-12-2144
**Status:** Active
**Overview:** KK® Interconnection System
**Description:** 2.54mm Pitch KK® Solid Header, Right Angle, with Friction Lock, 14 Circuits, 0.51µm Gold (Au) Plating



*Series image - Reference only*

**Documents:**

- 3D Model
- Drawing (PDF)
- Product Specification PS-10-07 (PDF)
- RoHS Certificate of Compliance (PDF)

## Agency Certification

| | |
|---|---|
| CSA | LR19980 |
| UL | E29179 |

## General

| | |
|---|---|
| Product Family | PCB Headers |
| Series | 7478 |
| Application | Signal, Wire-to-Board |
| Overview | KK® Interconnection System |
| Product Name | KK® |
| UPC | 800753625563 |

## Physical

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 14 |
| Circuits (maximum) | 14 |
| Color - Resin | Natural (White) |
| Durability (mating cycles max) | 50 |
| Flammability | 94V-0 |
| Glow-Wire Compliant | No |
| Lock to Mating Part | Yes |
| Material - Metal | Brass |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Material - Resin | Nylon |
| Net Weight | 1.840/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 |
| Plating min - Mating | 0.508µm |
| Plating min - Termination | 0.508µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Shrouded | Partial |
| Stackable | Yes |
| Temperature Range - Operating | See Product Specification |
| Termination Interface: Style | Through Hole |

## Electrical

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

**EU RoHS**
**ELV and RoHS Compliant**
**REACH SVHC**
Not Reviewed
**Low-Halogen Status**
**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**
7478Series

**Mates With**
2695 , 6471 , 7880 , 4455 , 7720

## 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-7478-14A241 |

## Reference - Drawing Numbers

| | |
|---|---|
| Product Specification | PS-10-07, RPS-6373-001 |
| Sales Drawing | SDA-7478 |

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