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**Part Number:** 0022027113
**Status:** Active
**Overview:** KK® Interconnect System - Molex
**Description:** KK® 254 PC Board Connector, Top Entry, with Cat Ear Terminal, 2.54µm Tin (Sn), 11 Circuits, without Hooks



*Series image - Reference only*

**Documents:**

- 3D Model
- Drawing (PDF)
- Product Specification PS-10-07-001 (PDF)
- RoHS Certificate of Compliance (PDF)

**Agency Certification**

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

**General**

| | |
|---|---|
| Product Family | PCB Receptacles |
| Series | 4455 |
| Application | Board-to-Board, Signal |
| Overview | KK® Interconnect System - Molex |
| Product Name | KK® 254 |
| UPC | 800754915656 |

**Physical**

| | |
|---|---|
| Circuits (Loaded) | 11 |
| Circuits (maximum) | 11 |
| Color - Resin | Natural (White) |
| Flammability | 94V-0 |
| Glow-Wire Compliant | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | No |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |
| Net Weight | 1.153/g |
| Number of Rows | 1 |
| Orientation | Vertical |
| PC Tail Length | 3.35mm |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Tray |
| Pitch - Mating Interface | 2.54mm |
| Pitch - Termination Interface | 2.54mm |
| Plating min - Mating | 2.540µm |
| Plating min - Termination | 2.540µm |
| Polarized to PCB | No |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | See Product Specification |
| Termination Interface: Style | Through Hole |

**Electrical**

| | |
|---|---|
| Current - Maximum per Contact | 2.5A |
| Grounding to PCB | No |
| Voltage - Maximum | 500V |

**Solder Process Data**

**EU ELV**
**Not Relevant**

**EU RoHS**
**Compliant**

**China RoHS**

**REACH SVHC**
Not Contained Per - ED/30/2017 (7 July 2017)

**Halogen-Free Status**
**Low-Halogen**

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

Email productcompliance@molex.com
Please visit the Contact Us section for any non-product compliance questions.

| | |
|---|---|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**
4455 Series

**Mates With**
KK® Header 4094 , 42376 , 42375 , 42377 , 171856 , 171857 <br>SL™ Insulation Displacement Connector 70475

| | |
|---|---|
| Duration at Max. Process Temperature (seconds) | 005 |
| Lead-freeProcess Capability | WAVE |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 235 |

**Material Info**

| | |
|---|---|
| Engineering Number | A-4455-CY11A(P909) |

**Reference - Drawing Numbers**

| | |
|---|---|
| Product Specification | PS-10-07-001 |
| Sales Drawing | SDA-4455, SDA-4455-002 |

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