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Part Number:

38-00-1336

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK® 254 PC Board Connector, Right Angle, with Cat Ear Terminal, 6 Circuits



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 Receptacles                 |
| Series         | 4455                            |
| Application    | Board-to-Board, Signal          |
| Overview       | KK® Interconnect System - Molex |
| Product Name   | KK® 254                         |
| UPC            | 800753732148                    |

Physical

|                                |                           |
|--------------------------------|---------------------------|
| Circuits (Loaded)              | 6                         |
| Circuits (maximum)             | 6                         |
| 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               | Phosphor Bronze           |
| Material - Plating Mating      | Tin                       |
| Material - Plating Termination | Tin                       |
| Material - Resin               | Nylon                     |
| Net Weight                     | 0.653/g                   |
| Number of Rows                 | 1                         |
| Orientation                    | Right Angle               |
| PC Tail Length                 | 3.30mm                    |
| PCB Locator                    | No                        |
| PCB Retention                  | Yes                       |
| PCB Thickness - Recommended    | 1.60mm                    |
| Packaging Type                 | Tray                      |
| Pitch - Mating Interface       | 2.54mm                    |
| Pitch - Termination Interface  | 2.54mm                    |
| Plating min - Mating           | 1.016µm                   |
| Plating min - Termination      | 1.016µm                   |
| Polarized to PCB               | Yes                       |
| Temperature Range - Operating  | See Product Specification |
| Termination Interface: Style   | Through Hole              |

Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 2.5A |
| Grounding to PCB              | No   |
| Voltage - Maximum             | 250V |

Solder Process Data

|                                                |   |
|------------------------------------------------|---|
| Duration at Max. Process Temperature (seconds) | 5 |
|------------------------------------------------|---|

EU RoHS

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

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

4455Series

Mates With

42153 KK® Wire-to-Board Header, 4094 KK® Wire-to-Board Header, 42376 KK® Header, 42375 KK® Header, 42377 KK® Header, 42152 KK® Wire-to-Board Header, 4030 KK® Wire-to-Board Header

|                                         |                        |
|-----------------------------------------|------------------------|
| 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-4455-AZ06C(P909) |
|-----------------|--------------------|

**Reference - Drawing Numbers**

|                       |          |
|-----------------------|----------|
| Product Specification | PS-10-07 |
| Sales Drawing         | SDA-4455 |

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