

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0038001339

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK® 254 PC Board Connector, Right Angle, with Cat Ear Terminal, 9 Circuits

Documents:

3D Model

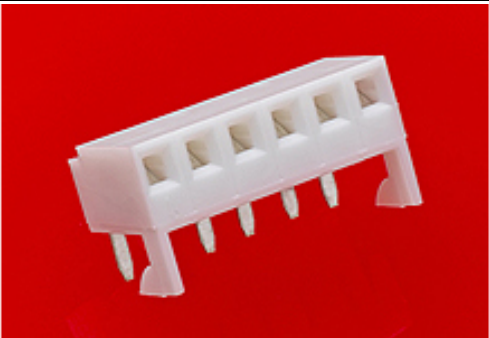
Drawing (PDF)

Product Specification PS-10-07-001 (PDF)

Product Specification PS-99020-0088-001 (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                                            | 800753732179                    |
| Physical                                       |                                 |
| Circuits (Loaded)                              | 9                               |
| Circuits (maximum)                             | 9                               |
| 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                                     | 0.973/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) | 005                             |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -

ED/21/2016 (20 June

2016)

Halogen-Free

Status

Low-Halogen

Need more information on product

environmental compliance?

Email [productcompliance@molex.com](mailto: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](#) , [4030](#) , [171856](#) , [171857](#)

|                                         |                    |                                 |
|-----------------------------------------|--------------------|---------------------------------|
| Lead-free                               | Process Capability | WAVE                            |
| Max. Cycles at Max. Process Temperature |                    | 001                             |
| Process Temperature max. C              |                    | 235                             |
| <b>Material Info</b>                    |                    |                                 |
| Engineering Number                      |                    | A-4455-AZ09C(P909)              |
| <b>Reference - Drawing Numbers</b>      |                    |                                 |
| Product Specification                   |                    | PS-10-07-001, PS-99020-0088-001 |
| Sales Drawing                           |                    | SDA-4455, SDA-4455-002          |

This document was generated on 03/02/2017

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**