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Part Number:

0022053091

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK® 254 Solid Header, Right Angle, with Friction Lock, 9 Circuits, Tin (Sn) Plating

Documents:

3D Model

Packaging Specification PK-7478-001-000 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

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

|                                                |                                 |
|------------------------------------------------|---------------------------------|
| Agency Certification                           |                                 |
| CSA                                            | LR19980                         |
| UL                                             | E29179                          |
| General                                        |                                 |
| Product Family                                 | PCB Headers                     |
| Series                                         | 7478                            |
| Application                                    | Signal, Wire-to-Board           |
| Overview                                       | KK® Interconnect System - Molex |
| Product Name                                   | KK® 254                         |
| UPC                                            | 800753591202                    |
| Physical                                       |                                 |
| Breakaway                                      | No                              |
| Circuits (Loaded)                              | 9                               |
| Circuits (maximum)                             | 9                               |
| Color - Resin                                  | Natural (White)                 |
| Durability (mating cycles max)                 | 25                              |
| Flammability                                   | 94V-0                           |
| Glow-Wire Compliant                            | No                              |
| Lock to Mating Part                            | Yes                             |
| Material - Metal                               | Brass                           |
| Material - Plating Mating                      | Tin                             |
| Material - Resin                               | Nylon                           |
| Net Weight                                     | 1.197/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                    |
| Electrical                                     |                                 |
| Current - Maximum per Contact                  | 4.0A                            |
| Voltage - Maximum                              | 250V                            |
| Solder Process Data                            |                                 |
| Duration at Max. Process Temperature (seconds) | 005                             |
| Lead-freeProcess Capability                    | WAVE                            |



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

7478 Series

Mates With

2695 , 6471 , 7880 , 4455 , 7720

|                                         |                 |
|-----------------------------------------|-----------------|
| Max. Cycles at Max. Process Temperature | 001             |
| Process Temperature max. C              | 235             |
| <b>Material Info</b>                    |                 |
| Engineering Number                      | A-7478-09A222   |
| <b>Reference - Drawing Numbers</b>      |                 |
| Packaging Specification                 | PK-7478-001-000 |
| Product Specification                   | PS-10-07-001    |
| Sales Drawing                           | SDA-7478-000    |

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