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Part Number:

0022041081

Status:

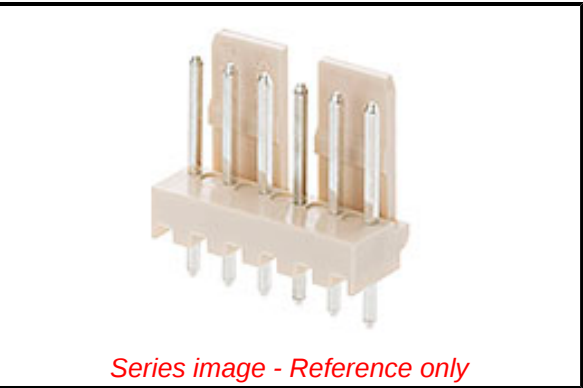
Active

Overview:

Mini-Latch Wire-to-Board / Wire-to-Wire Connector System

Description:

Mini-Latch / KK Wire-to-Board Header, Vertical, with Friction Ramp, 8 Circuits, Tin (Sn) Plating, Natural



Series image - Reference only

|                                                              |                                                                  |
|--------------------------------------------------------------|------------------------------------------------------------------|
| Documents:                                                   |                                                                  |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Product Specification PS-5045-002-001 (PDF)</a>      |
| <a href="#">3D Model</a>                                     | <a href="#">Product Specification PS-5051-005-001 (PDF)</a>      |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Application Specification 511910000-AS-000 (PDF)</a> |
| <a href="#">Product Specification 50510002-PS-000 (PDF)</a>  | <a href="#">Application Specification 511910000-AS-001 (PDF)</a> |
| <a href="#">Product Specification 511910000-PS-000 (PDF)</a> | <a href="#">Packaging Specification SPK-5045-001-001 (PDF)</a>   |
| <a href="#">Product Specification PS-5045-001-001 (PDF)</a>  | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

|                                |                                                          |
|--------------------------------|----------------------------------------------------------|
| Agency Certification           |                                                          |
| UL                             | E29179                                                   |
| General                        |                                                          |
| Product Family                 | PCB Headers                                              |
| Series                         | 5045                                                     |
| Application                    | Signal, Wire-to-Board                                    |
| Overview                       | Mini-Latch Wire-to-Board / Wire-to-Wire Connector System |
| Product Name                   | KK, Mini-Latch                                           |
| UPC                            | 800753591257                                             |
| Physical                       |                                                          |
| Breakaway                      | No                                                       |
| Circuits (Loaded)              | 8                                                        |
| Circuits (maximum)             | 8                                                        |
| Color - Resin                  | Natural                                                  |
| Durability (mating cycles max) | 30                                                       |
| First Mate / Last Break        | No                                                       |
| Flammability                   | 94V-0                                                    |
| Glow-Wire Capable              | No                                                       |
| Guide to Mating Part           | No                                                       |
| Keying to Mating Part          | None                                                     |
| Lock to Mating Part            | Yes                                                      |
| Material - Metal               | Brass                                                    |
| Material - Plating Mating      | Tin                                                      |
| Material - Plating Termination | Tin                                                      |
| Material - Resin               | Polyamide                                                |
| Net Weight                     | 805.000/mg                                               |
| Number of Rows                 | 1                                                        |
| Orientation                    | Vertical                                                 |
| PC Tail Length                 | 3.40mm                                                   |
| PCB Locator                    | No                                                       |
| PCB Retention                  | None                                                     |
| PCB Thickness - Recommended    | 1.60mm                                                   |
| Packaging Type                 | Bag                                                      |
| Pitch - Mating Interface       | 2.50mm                                                   |
| Pitch - Termination Interface  | 2.50mm                                                   |
| Plating min - Mating           | 5.080µm                                                  |
| Plating min - Termination      | 5.080µm                                                  |
| Polarized to PCB               | No                                                       |
| Shrouded                       | Partial                                                  |
| Stackable                      | No                                                       |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2020)9139-DC (19 Jan 2021)              |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Low-Halogen                                                   |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

5045 Series

Mates With

2.50mm Pitch Housings 51191 , 5051

|                                    |                                                                                         |
|------------------------------------|-----------------------------------------------------------------------------------------|
| Surface Mount Compatible (SMC)     | No                                                                                      |
| Temperature Range - Operating      | -40° to +105°C                                                                          |
| Termination Interface: Style       | Through Hole                                                                            |
| <b>Electrical</b>                  |                                                                                         |
| Current - Maximum per Contact      | 3.0A                                                                                    |
| Voltage - Maximum                  | 250V                                                                                    |
| <b>Material Info</b>               |                                                                                         |
| Engineering Number                 | 5045-08A                                                                                |
| <b>Reference - Drawing Numbers</b> |                                                                                         |
| Application Specification          | 511910000-AS-000, 511910000-AS-001                                                      |
| Packaging Specification            | SPK-5045-001-001                                                                        |
| Product Specification              | 50510002-PS-000, 511910000-PS-000,<br>PS-5045-001-001, PS-5045-002-001, PS-5051-005-001 |
| Sales Drawing                      | SD-5045-NA-001                                                                          |

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