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Part Number:

0557550419

Status:

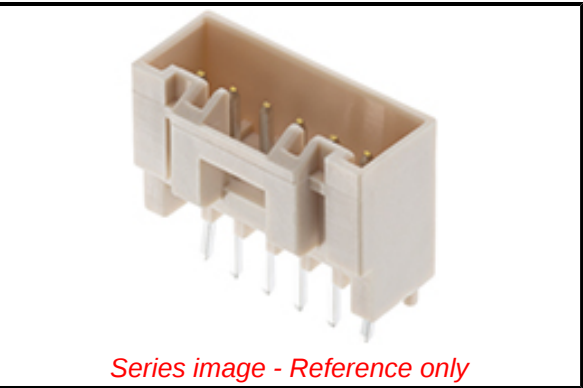
Active

Overview:

MicroTPA Connector System

Description:

2.00mm Pitch MicroTPA Wire-to-Board Header, Vertical, Shrouded, Kinked PC Tail, with Inner Positive Lock, 4 Circuits



|                                |                                                                 |
|--------------------------------|-----------------------------------------------------------------|
| Documents:                     |                                                                 |
| <a href="#">3D Model</a>       | <a href="#">Product Specification PS-51216-007-001 (PDF)</a>    |
| <a href="#">Drawing (PDF)</a>  | <a href="#">Packaging Specification SPK-55755-001-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |

|                                |                           |
|--------------------------------|---------------------------|
| Agency Certification           |                           |
| UL                             | E29179                    |
| General                        |                           |
| Product Family                 | PCB Headers               |
| Series                         | 55755                     |
| Application                    | Signal, Wire-to-Board     |
| Overview                       | MicroTPA Connector System |
| Product Name                   | MicroTPA                  |
| UPC                            | 822348802357              |
| Physical                       |                           |
| Breakaway                      | No                        |
| Circuits (Loaded)              | 4                         |
| Circuits (maximum)             | 4                         |
| 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                       |
| Mated Height                   | 13.45mm                   |
| Material - Metal               | Brass                     |
| Material - Plating Mating      | Tin                       |
| Material - Plating Termination | Tin                       |
| Material - Resin               | Nylon                     |
| Net Weight                     | 457.177/mg                |
| Number of Rows                 | 1                         |
| Orientation                    | Vertical                  |
| PC Tail Length                 | 3.30mm                    |
| PCB Locator                    | Yes                       |
| PCB Retention                  | Yes                       |
| PCB Thickness - Recommended    | 1.60mm                    |
| Packaging Type                 | Tray                      |
| Pitch - Mating Interface       | 2.00mm                    |
| Plating min - Mating           | 1.016µm                   |
| Plating min - Termination      | 1.016µm                   |
| Polarized to Mating Part       | Yes                       |
| Shrouded                       | Fully                     |
| Stackable                      | No                        |
| Surface Mount Compatible (SMC) | No                        |
| Temperature Range - Operating  | -40° to +105°C            |
| Termination Interface: Style   | Through Hole              |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2021)4569-DC (8 July 2021)              |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Not 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

55755 Series

Mates With

51216 Wire-to-Board and Wire-to-Wire Receptacle Housing

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 2.5A |
| Voltage - Maximum             | 250V |

**Material Info**

**Reference - Drawing Numbers**

|                         |                   |
|-------------------------|-------------------|
| Packaging Specification | SPK-55755-001-001 |
| Product Specification   | PS-51216-007-001  |
| Sales Drawing           | SD-55755-005-001  |

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