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Part Number:

0525840879

Status:

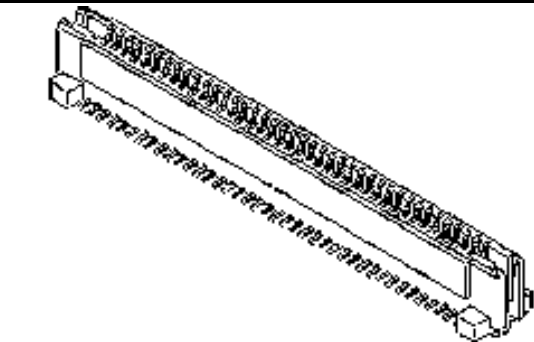
Active

Overview:

SlimStack™ 1.00mm Pitch Board-to-Board Connectors

Description:

1.00mm Pitch Receptacle, Dual Row Surface Mount, Vertical Stacking, Mated Stacking Height 18.00mm, 80 Circuits



Series image - Reference only

|                                                           |                                                          |
|-----------------------------------------------------------|----------------------------------------------------------|
| Documents:                                                |                                                          |
| <a href="#">3D Model</a>                                  | <a href="#">Product Specification PS-52584-002 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                             | <a href="#">RoHS Certificate of Compliance (PDF)</a>     |
| <a href="#">Product Specification 525840000-000 (PDF)</a> |                                                          |

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| Agency Certification           |                                                   |
| UL                             | E29179                                            |
| General                        |                                                   |
| Product Family                 | PCB Receptacles                                   |
| Series                         | 52584                                             |
| Application                    | Board-to-Board, Signal                            |
| Overview                       | SlimStack™ 1.00mm Pitch Board-to-Board Connectors |
| Product Name                   | SlimStack                                         |
| UPC                            | 822348188536                                      |
| Physical                       |                                                   |
| Circuits (Loaded)              | 80                                                |
| Circuits (maximum)             | 80                                                |
| Color - Resin                  | Natural                                           |
| Durability (mating cycles max) | 50                                                |
| Flammability                   | 94V-0                                             |
| Glow-Wire Capable              | No                                                |
| Mated Height                   | 18.00mm                                           |
| Material - Metal               | Phosphor Bronze                                   |
| Material - Plating Mating      | Gold                                              |
| Material - Plating Termination | Tin                                               |
| Material - Resin               | High Temperature Thermoplastic                    |
| Net Weight                     | 1250.620/mg                                       |
| Number of Rows                 | 2                                                 |
| Orientation                    | Vertical                                          |
| PCB Locator                    | Yes                                               |
| PCB Retention                  | None                                              |
| PCB Thickness - Recommended    | 1.60mm                                            |
| Packaging Type                 | Tube                                              |
| Pitch - Mating Interface       | 1.00mm                                            |
| Plating min - Mating           | 0.254µm                                           |
| Plating min - Termination      | 2.032µm                                           |
| Polarized to PCB               | No                                                |
| Surface Mount Compatible (SMC) | N/A                                               |
| Temperature Range - Operating  | -55° to +85°C                                     |
| Termination Interface: Style   | Surface Mount                                     |
| Electrical                     |                                                   |
| Current - Maximum per Contact  | 0.5A                                              |
| Voltage - Maximum              | 100V                                              |
| Material Info                  |                                                   |
| Reference - Drawing Numbers    |                                                   |
| Product Specification          | 525840000-000, PS-52584-002                       |
| Sales Drawing                  | SD-52584-007, SD-52584-008, SD-52584-009          |

|                                                                                               |               |
|-----------------------------------------------------------------------------------------------|---------------|
| EU ELV                                                                                        |               |
| Not Relevant                                                                                  |               |
| EU RoHS                                                                                       | China RoHS    |
| Compliant                                                                                     |               |
| REACH SVHC                                                                                    |               |
| Not Contained Per - ED/61/2018 (27 June 2018)                                                 |               |
| Halogen-Free                                                                                  |               |
| Status                                                                                        |               |
| Low-Halogen                                                                                   |               |
| Need more information on product environmental compliance?                                    |               |
| Email <a href="mailto:productcompliance@molex.com">productcompliance@molex.com</a>            |               |
| Please visit the <a href="#">Contact Us</a> section for any non-product compliance questions. |               |
| China ROHS                                                                                    | Green Image   |
| ELV                                                                                           | Not Relevant  |
| Prop65                                                                                        | Compliant     |
| RoHS Phthalates                                                                               | Not Contained |

Search Parts in this Series

52584 Series

Mates With

53395 , 53408

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