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Part Number:

0536470405

Status:

Planned for Obsolescence

Overview:

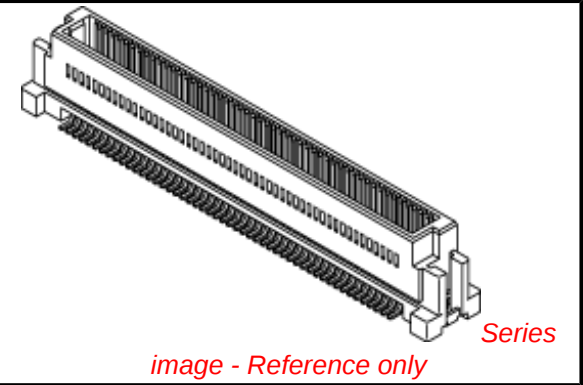
slimstack\_0635mm\_025\_pitch

Description:

0.635mm (.025") Pitch SlimStack™ Header, Surface Mount, Dual Row, Vertical Stacking, 8.00 and 14.00mm (.315 and .551") Stacking Heights, 40 Circuits, with Tube Packaging

Replacement Part Number:

536470475



Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

| General                        |                                         |
|--------------------------------|-----------------------------------------|
| Product Family                 | PCB Headers                             |
| Series                         | 53647                                   |
| Application                    | Board-to-Board, Signal                  |
| Comments                       | Stacking-Type                           |
| Overview                       | slimstack_0635mm_025_pitch              |
| Product Name                   | SlimStack™                              |
| Replacement Part Number        | 536470475                               |
| Physical                       |                                         |
| Breakaway                      | No                                      |
| Circuits (Loaded)              | 40                                      |
| Circuits (maximum)             | 40                                      |
| Durability (mating cycles max) | 50                                      |
| First Mate / Last Break        | No                                      |
| Glow-Wire Compliant            | No                                      |
| Guide to Mating Part           | No                                      |
| Keying to Mating Part          | None                                    |
| Lock to Mating Part            | Yes                                     |
| Mated Height                   | 14.00mm (.551"), 8.00mm (.315")         |
| Material - Metal               | Brass, Phosphor Bronze, Stainless Steel |
| Material - Plating Mating      | Gold                                    |
| Material - Plating Termination | Tin-Lead                                |
| Number of Rows                 | 2                                       |
| Orientation                    | Vertical                                |
| PCB Locator                    | Yes                                     |
| PCB Retention                  | Yes                                     |
| Packaging Type                 | Tube                                    |
| Pitch - Mating Interface       | 0.64mm (.025")                          |
| Plating min - Mating           | 0.254µm (10µ")                          |
| Plating min - Termination      | 2.032µm (80µ")                          |
| Polarized to PCB               | Yes                                     |
| Robotic Placement              | Metal Cap                               |
| Shrouded                       | Fully                                   |
| Stackable                      | No                                      |
| Temperature Range - Operating  | -55°C to +85°C                          |
| Termination Interface: Style   | Surface Mount                           |
| Electrical                     |                                         |
| Current - Maximum per Contact  | 0.5A                                    |
| Voltage - Maximum              | 100V                                    |

Material Info

EU RoHS

Not RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

53647Series

Mates With

SlimStack™ Receptacle [52760](#) , [52837](#) , [52885](#) , [52901](#)

**Reference - Drawing Numbers**

Sales Drawing

SD-53647-001, SD-53647-006

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