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Part Number:

0536251674

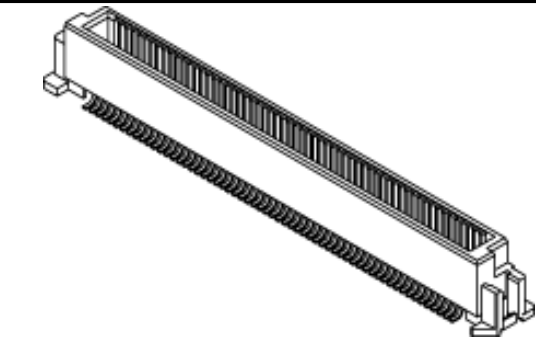
Status:

Active

Overview:

Description:

0.635mm (.025") Pitch SlimStack™ Header, Surface Mount, Dual Row, Vertical Stacking, 13.00mm (.512") Stack Height, Lead-free, 160 Circuits, with Embossed Tape with Cover Packaging



Series image - Reference only

|                               |                                                          |
|-------------------------------|----------------------------------------------------------|
| Documents:                    |                                                          |
| <a href="#">3D Model</a>      | <a href="#">Product Specification PS-52760-015 (PDF)</a> |
| <a href="#">Drawing (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>     |

|                                |                                |
|--------------------------------|--------------------------------|
| General                        |                                |
| Product Family                 | PCB Headers                    |
| Series                         | 53625                          |
| Application                    | Board-to-Board                 |
| Comments                       | Stacking-Type                  |
| Overview                       | SlimStack&#153;                |
| Product Name                   | SlimStack™                     |
| Physical                       |                                |
| Breakaway                      | No                             |
| Circuits (Loaded)              | 160                            |
| Circuits (maximum)             | 160                            |
| Color - Resin                  | Natural                        |
| 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            | None                           |
| Mated Height (in)              | 0.276 In                       |
| Mated Height (in)              | 0.512 In                       |
| Mated Height (mm)              | 13.00 mm                       |
| Mated Height (mm)              | 7.00 mm                        |
| Material - Metal               | Phosphor Bronze                |
| Material - Metal               | Stainless Steel                |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PCB Locator                    | Yes                            |
| PCB Retention                  | Yes                            |
| Packaging Type                 | Embossed Tape on Reel          |
| Pitch - Mating Interface (in)  | 0.025 In                       |
| Pitch - Mating Interface (mm)  | 0.64 mm                        |
| Plating min: Mating (µin)      | 10                             |
| Plating min: Mating (µm)       | 0.25                           |
| Plating min: Termination (µin) | 40                             |
| Plating min: Termination (µm)  | 1                              |
| 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                  |

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

China RoHS

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.

Search Parts in this Series

53625 Series

Mates With

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

**Electrical**

|                   |      |
|-------------------|------|
| Current - Maximum | 0.5A |
| Voltage - Maximum | 100V |

**Material Info**

**Reference - Drawing Numbers**

|                       |               |
|-----------------------|---------------|
| Product Specification | PS-52760-015  |
| Product Specification | RPS-52760-017 |
| Product Specification | RPS-52760-018 |
| Product Specification | RPS-52760-020 |
| Product Specification | RPS-52760-021 |
| Product Specification | RPS-52760-027 |
| Product Specification | RPS-52760-029 |
| Sales Drawing         | SD-53625-002  |
| Sales Drawing         | SD-53625-003  |

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