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Part Number:

52901-0474

Status:

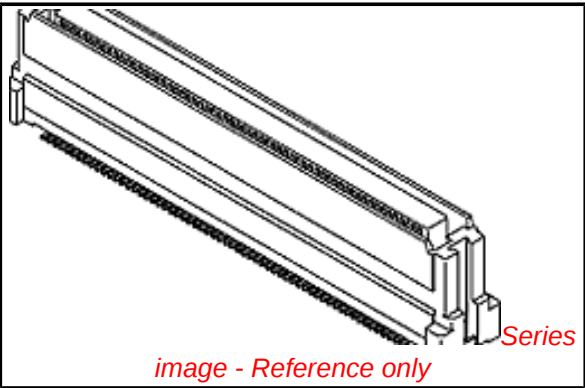
Active

Overview:

SlimStack™ 0.635mm Pitch Board-to-Board Connectors

Description:

0.635mm Pitch SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical Stacking, 12.00 to 16.00mm Stacking Heights, Embossed Tape with Cover Packaging, 40 Circuits



Documents:

3D Model

Drawing (PDF)

Product Specification PS-52760-015 (PDF)

Packaging Specification SPK-52901-001 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                                      |
|--------------------------------|------------------------------------------------------|
| Agency Certification           |                                                      |
| UL                             | E29179                                               |
| General                        |                                                      |
| Product Family                 | PCB Receptacles                                      |
| Series                         | 52901                                                |
| Application                    | Board-to-Board, Signal                               |
| MolexKits                      | Yes                                                  |
| Overview                       | SlimStack™ 0.635mm Pitch Board-to-Board Connectors   |
| Product Name                   | SlimStack™                                           |
| UPC                            | 822348176526                                         |
| Physical                       |                                                      |
| Circuits (Loaded)              | 40                                                   |
| Circuits (maximum)             | 40                                                   |
| Color - Resin                  | White                                                |
| Durability (mating cycles max) | 50                                                   |
| Flammability                   | 94V-0                                                |
| Glow-Wire Compliant            | No                                                   |
| Lock to Mating Part            | Yes                                                  |
| Mated Height                   | 11.00mm, 12.00mm, 13.00mm, 14.00mm, 15.00mm, 16.00mm |
| Material - Metal               | Phosphor Bronze                                      |
| Material - Plating Mating      | Gold                                                 |
| Material - Plating Termination | Tin                                                  |
| Net Weight                     | 1169.501/mg                                          |
| Number of Rows                 | 2                                                    |
| Orientation                    | Vertical                                             |
| PCB Locator                    | Yes                                                  |
| PCB Retention                  | Yes                                                  |
| PCB Thickness - Recommended    | 1.60mm                                               |
| Packaging Type                 | Embossed Tape on Reel                                |
| Pitch - Mating Interface       | 0.64mm                                               |
| Polarized to PCB               | Yes                                                  |
| Robotic Placement              | Pick and Place Cap                                   |
| 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

Reference - Drawing Numbers

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

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

52901Series

Mates With

53475 , 53643 , 55091 , 53481 , 53625 , 53551 , 53647 , 53552 , 53649 , 53553 , 53627

Packaging Specification  
Product Specification

Sales Drawing

SPK-52901-001  
PS-52760-015, RPS-52760-028, RPS-52901-010,  
RPS-52901-012  
SD-52901-008, SD-52901-009, SD-52901-015,  
SD-52901-017

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