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**Part Number:** [0534081279](#)  
**Status:** **Active**  
**Description:** 1.00mm Pitch Plug, Surface Mount, Dual Row, Vertical Stacking, Mated Stack Height 20.00mm, 120 Circuits

**Documents:**

[3D Model](#) [Packaging Specification SPK-53408-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification 525840000-000 \(PDF\)](#)

**General**

|                |                        |
|----------------|------------------------|
| Product Family | PCB Headers            |
| Series         | <a href="#">53408</a>  |
| Application    | Board-to-Board, Signal |
| Product Name   | N/A                    |
| UPC            | 822348189908           |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 120                            |
| Circuits (maximum)             | 120                            |
| Color - Resin                  | Natural                        |
| Durability (mating cycles max) | 50                             |
| First Mate / Last Break        | No                             |
| Glow-Wire Capable              | No                             |
| Guide to Mating Part           | No                             |
| Keying to Mating Part          | None                           |
| Lock to Mating Part            | None                           |
| Mated Height                   | 20.00mm                        |
| Mated Width                    | 6.60mm                         |
| Material - Metal               | Phosphor Bronze                |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 6037.900/mg                    |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PCB Locator                    | Yes                            |
| PCB Retention                  | Yes                            |
| PCB Thickness - Recommended    | 1.00mm                         |
| Packaging Type                 | Tube                           |
| Pitch - Mating Interface       | 1.00mm                         |
| Plating min - Mating           | 0.254µm                        |
| Plating min - Termination      | 1.016µm                        |
| Polarized to PCB               | No                             |
| Shrouded                       | Fully                          |
| Stackable                      | No                             |
| Temperature Range - Operating  | -55° to +85°C                  |
| Termination Interface: Style   | Surface Mount                  |

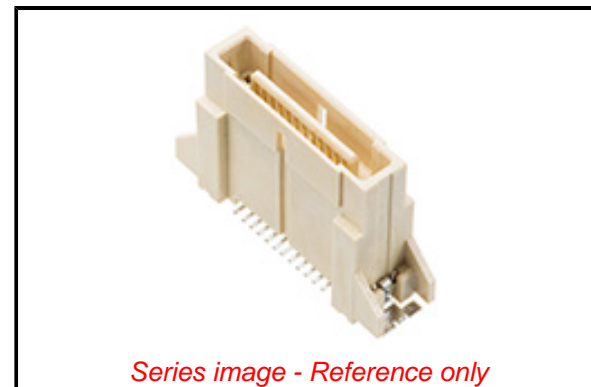
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|                         |                   |
|-------------------------|-------------------|
| Packaging Specification | SPK-53408-001-001 |
|-------------------------|-------------------|



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

**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.

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| Prop65          | Compliant     |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[53408](#) Series

**Mates With**

PCB Receptacle [52584](#) , [52602](#)

This document was generated on 09/10/2018

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