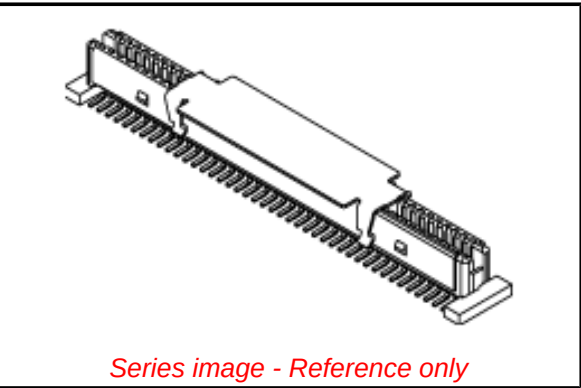


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**Part Number:** 0717420005  
**Status:** Active  
**Overview:** PMC Mezzanine 1.00mm Pitch Connector  
**Description:** 1.00mm Pitch Mezzanine Receptacle, Surface Mount, Dual Row, Vertical Stacking, 84 Circuits



Series image - Reference only

|                               |                                                           |
|-------------------------------|-----------------------------------------------------------|
| <b>Documents:</b>             |                                                           |
| <a href="#">3D Model</a>      | <a href="#">Product Specification PS-71741-9999 (PDF)</a> |
| <a href="#">Drawing (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>      |

|                                |                                      |
|--------------------------------|--------------------------------------|
| <b>Agency Certification</b>    |                                      |
| CSA                            | LR19980                              |
| UL                             | E29179                               |
| <b>General</b>                 |                                      |
| Product Family                 | PCB Receptacles                      |
| Series                         | 71742                                |
| Application                    | Board-to-Board, Signal               |
| Overview                       | PMC Mezzanine 1.00mm Pitch Connector |
| Product Name                   | Mezzanine                            |
| UPC                            | 800755014532                         |
| <b>Physical</b>                |                                      |
| Circuits (Loaded)              | 84                                   |
| Circuits (maximum)             | 84                                   |
| Color - Resin                  | Natural                              |
| Flammability                   | 94V-0                                |
| Glow-Wire Compliant            | No                                   |
| Lock to Mating Part            | Yes                                  |
| Material - Metal               | Phosphor Bronze                      |
| Material - Plating Mating      | Gold                                 |
| Material - Plating Termination | Tin                                  |
| Material - Resin               | High Temperature Thermoplastic       |
| Net Weight                     | 1.677/g                              |
| Number of Rows                 | 2                                    |
| Orientation                    | Vertical                             |
| PCB Locator                    | Yes                                  |
| PCB Retention                  | None                                 |
| PCB Thickness - Recommended    | 1.60mm                               |
| Packaging Type                 | Embossed Tape on Reel                |
| Pitch - Mating Interface       | 1.00mm                               |
| Plating min - Mating           | 0.762µm                              |
| Plating min - Termination      | 1.905µm                              |
| Polarized to PCB               | No                                   |
| Robotic Placement              | Pick and Place Cap                   |
| Surface Mount Compatible (SMC) | N/A                                  |
| Temperature Range - Operating  | -55°C to +85°C                       |
| Termination Interface: Style   | Surface Mount                        |
| <b>Electrical</b>              |                                      |
| Current - Maximum per Contact  | 1.0A                                 |
| Voltage - Maximum              | 100V                                 |
| <b>Solder Process Data</b>     |                                      |
| Lead-freeProcess Capability    | REFLOW                               |
| Process Temperature max. C     | 260                                  |
| <b>Material Info</b>           |                                      |

**EU ELV**  
**Not Relevant**

**EU RoHS**  
**Compliant**  
**REACH SVHC**  
Contains SVHC(2014  
December 17): No  
**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**  
  
  
  
  
  
  
  
  
  
China ROHS  
ELV

**Green Image**  
Not Relevant

**Search Parts in this Series**  
71742 Series

**Mates With**  
71741 1.00mm Pitch Mezzanine Plug. Be  
sure to match like stack heights

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-71741-9999  
SDA-71742-0\*\*\*

This document was generated on 08/03/2015

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