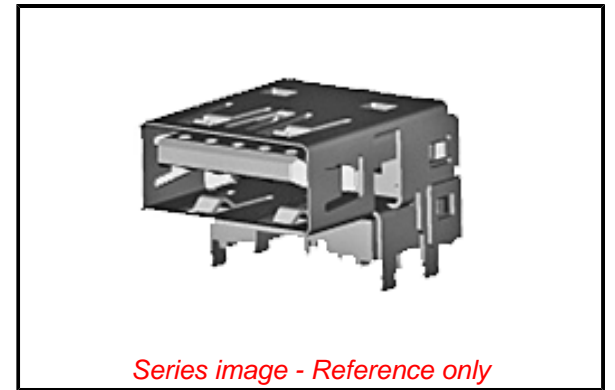


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0483910003](#)  
**Status:** **Active**  
**Overview:** [USB Products and Solutions](#)  
**Description:** Universal Serial Bus (USB 3.0) I/O Receptacle, Right-Angle, Type A, High-Temperature Blue Nylon, 15µ' Gold (Au) Plating, Contact Height 6.09mm

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                     | <a href="#">Product Specification TS-48391-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification PK-48391-001 (PDF)</a>   |
| <a href="#">Product Specification PS-48391-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>         |



**General**

|                |  |
|----------------|--|
| Product Family | I/O Connectors                             |
| Series         | <a href="#">48391</a>                      |
| Application    | Wire-to-Board                              |
| Component Type | Receptacle                                 |
| Overview       | <a href="#">USB Products and Solutions</a> |
| Product Name   | USB 3.0                                    |
| Type           | A  |
| UPC            | 887191452920                               |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 9                              |
| Circuits (maximum)             | 9                              |
| Color - Resin                  | Blue                           |
| Durability (mating cycles max) | 5000                           |
| Gender                         | Female                         |
| Keying to Mating Part          | Yes                            |
| Lock to Mating Part            | No                             |
| Material - Metal               | Copper Alloy                   |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Matte Tin                      |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 2.200/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Right Angle                    |
| PC Tail Length                 | 1.50mm                         |
| PCB Locator                    | Yes                            |
| PCB Retention                  | Yes                            |
| PCB Thickness - Recommended    | 1.20mm                         |
| Packaging Type                 | Embossed Tape on Reel          |
| Panel Mount                    | No                             |
| Pitch - Mating Interface       | 2.00mm, 2.50mm                 |
| Pitch - Termination Interface  | 2.00mm, 2.50mm                 |
| Polarized to Mating Part       | Yes                            |
| Polarized to PCB               | Yes                            |
| Ports                          | 1                              |
| Temperature Range - Operating  | -20° to +85°C                  |
| Termination Interface: Style   | Through Hole                   |

**Electrical**

|                               |           |
|-------------------------------|-----------|
| Current - Maximum per Contact | 1.8A      |
| Grounding to Panel            | None      |
| Voltage - Maximum             | 30V AC/DC |

**Solder Process Data**

|  |     |
|--|-----|
| Duration at Max. Process Temperature (seconds) | 005 |
|--|-----|

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/71/2019 (16 July  
2019)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[48391 Series](#)

**Mates With**

USB 3.0 Type A Plug

Lead-free Process Capability  
Max. Cycles at Max. Process Temperature  
Process Temperature max. C

REFLOW  
001  
255

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification  
Product Specification  
Sales Drawing

PK-48391-001  
PS-48391-001-001, TS-48391-001-001  
SD-48391-001

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