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**Part Number:** [0788640001](#)  
**Status:** **Active**  
**Overview:** [Compression Connectors](#)  
**Description:** 1.60mm Pitch Compression Connector, 1.20mm Working Height, Dual-row, 4 Circuits

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-78864-001 \(PDF\)](#)

**General**

|                |  |
|----------------|--|
| Product Family | PCB Headers                              |
| Series         | 78864                                    |
| Application    | Board-to-Board, Signal                   |
| Overview       | <a href="#">Compression Connectors</a>   |
| Product Name   | Battery Connector, Compression Connector |
| UPC            | 887191491486                             |

**Physical**

|                                |                        |
|--------------------------------|------------------------|
| Breakaway                      | No                     |
| Circuits (Loaded)              | 4                      |
| Circuits (maximum)             | 4                      |
| Color - Resin                  | Black                  |
| Durability (mating cycles max) | 30                     |
| Glow-Wire Compliant            | No                     |
| Lock to Mating Part            | None                   |
| Material - Metal               | Copper Alloy           |
| Material - Plating Mating      | Gold over Nickel       |
| Material - Plating Termination | Matte Tin              |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 0.026/g                |
| Number of Rows                 | 2                      |
| Orientation                    | Vertical               |
| Packaging Type                 | Embossed Tape on Reel  |
| Pitch - Mating Interface       | 1.60mm                 |
| Plating min - Mating           | 0.102µm                |
| Temperature Range - Operating  | -40°C to +85°C         |
| Termination Interface: Style   | Surface Mount          |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 1.0A |
| Voltage - Maximum             | 10V  |

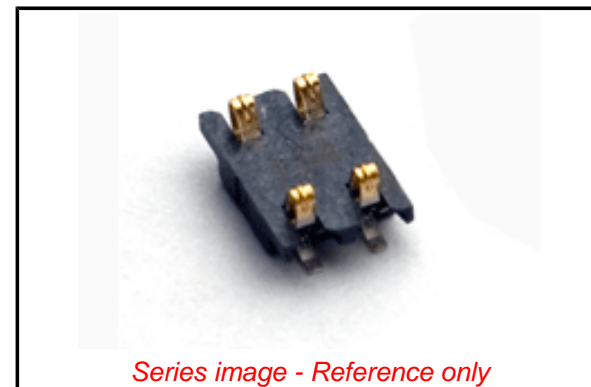
**Solder Process Data**

|  |        |
|--|--------|
| Duration at Max. Process Temperature (seconds) | 040    |
| Lead-free Process Capability                   | REFLOW |
| Max. Cycles at Max. Process Temperature        | 002    |
| Process Temperature max. C                     | 260    |

**Material Info**

**Reference - Drawing Numbers**

|                       |                             |
|-----------------------|-----------------------------|
| Product Specification | PS-78864-001, RPS-78864-001 |
| Sales Drawing         | SD-78864-001                |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
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China ROHS  
ELV

Green Image  
Not Relevant

**Search Parts in this Series**

78864 Series