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**Part Number:** [504459-4210](#)  
**Status:** **Active**  
**Description:** SlimStack™ ST6, PCB Plug, SMT, Dual Row, Vertical, 0.60mm Stack Height,1.90mm Mated Width, 42 Circuits

**Documents:**  
[Drawing \(PDF\)](#)  
[Product Specification PS-504455-001 \(PDF\)](#)  
[Application Specification AS-504455-001 \(PDF\)](#)  
[Packaging Specification SPK-504459-001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                |                        |
|----------------|------------------------|
| Product Family | PCB Headers            |
| Series         | <a href="#">504459</a> |
| Application    | Board-to-Board         |
| Product Name   | SlimStack™             |
| UPC            | 887191308142           |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Breakaway                      | No                    |
| Circuits (Loaded)              | 42                    |
| Circuits (maximum)             | 42                    |
| Color - Resin                  | Black                 |
| Durability (mating cycles max) | 30                    |
| First Mate / Last Break        | No                    |
| Glow-Wire Compliant            | No                    |
| Mated Height                   | 0.60mm                |
| Material - Metal               | Copper                |
| Material - Plating Mating      | Gold                  |
| Net Weight                     | 6.750/mg              |
| Number of Rows                 | 2                     |
| Orientation                    | Vertical              |
| Packaging Type                 | Embossed Tape on Reel |
| Pitch - Mating Interface       | 0.35mm                |
| Temperature Range - Operating  | -40°C to +85°C        |
| Termination Interface: Style   | Surface Mount         |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 0.3A |
|-------------------------------|------|

**Material Info**

**Reference - Drawing Numbers**

|                           |                               |
|---------------------------|-------------------------------|
| Application Specification | AS-504455-001                 |
| Packaging Specification   | SPK-504459-001                |
| Product Specification     | PS-504455-001, RPS-504455-001 |
| Sales Drawing             | SD-504459-001, SD-504459-002  |

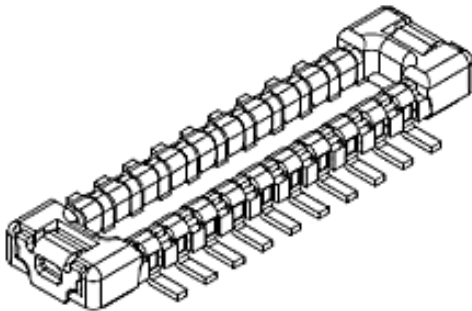


image - Reference only

Series

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Low-Halogen**

**China RoHS**



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