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**Part Number:** [75018-0100](#)  
**Status:** **Active**  
**Overview:** Plateau HS Dock™  
**Description:** 1.50mm/5.00mm Pitch Plateau HS Dock™ Plug, Right Angle, 72 Circuits, 9.78mm Unmated Height

**Documents:**

|  |  |
|--|--|
| <a href="#">Product Specification PS-45499-003 (PDF)</a> | <a href="#">Application Specification AS-75018-001 (PDF)</a> |
| <a href="#">Product Specification PS-75005-002 (PDF)</a> | <a href="#">Test Summary TS-75018-001 (PDF)</a>              |
| <a href="#">Product Specification PS-75018-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>         |

**Agency Certification**

UL E29179

**General**

|                |                                  |
|----------------|----------------------------------|
| Product Family | PCB Headers                      |
| Series         | <a href="#">75018</a>            |
| Application    | Board-to-Board, Signal           |
| Overview       | <a href="#">Plateau HS Dock™</a> |
| Product Name   | Plateau HS Dock™                 |

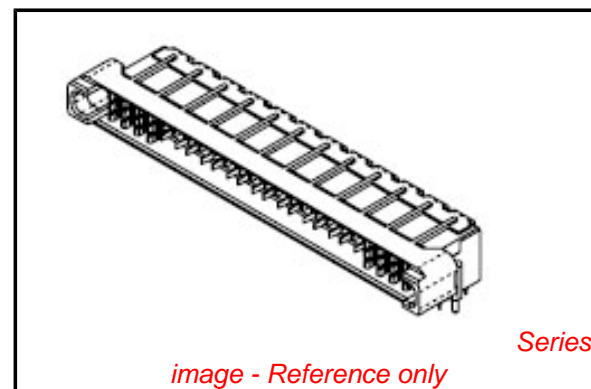
**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 72                             |
| Circuits (maximum)             | 72                             |
| Color - Resin                  | Black, Natural, White          |
| Durability (mating cycles max) | 100                            |
| First Mate / Last Break        | No                             |
| Glow-Wire Compliant            | No                             |
| Guide to Mating Part           | No                             |
| Lock to Mating Part            | Yes                            |
| Material - Metal               | High Performance Alloy (HPA)   |
| Material - Plating Mating      | Gold, Tin-Lead                 |
| Material - Plating Termination | Tin-Lead                       |
| Material - Resin               | High Temperature Thermoplastic |
| Number of Rows                 | 3                              |
| Orientation                    | Right Angle                    |
| PC Tail Length                 | 2.82mm                         |
| PCB Locator                    | Yes                            |
| PCB Retention                  | Yes                            |
| PCB Thickness - Recommended    | 1.80mm                         |
| Packaging Type                 | Tray                           |
| Pitch - Mating Interface       | 1.50mm, 5.00mm                 |
| Plating min - Mating           | 0.762µm                        |
| Plating min - Termination      | 0.762µm                        |
| Polarized to Mating Part       | Yes                            |
| Shrouded                       | Fully                          |
| Stackable                      | No                             |
| Surface Mount Compatible (SMC) | Yes                            |
| Temperature Range - Operating  | -20°C to +85°C                 |
| Termination Interface: Style   | Through Hole - Compliant Pin   |

**Electrical**

|                               |        |
|-------------------------------|--------|
| Current - Maximum per Contact | 1.5A   |
| Voltage - Maximum             | 12V DC |

**Solder Process Data**



*image - Reference only*

**EU RoHS**

**RoHS Compliant by Exemption**

**REACH SVHC**

**Contains SVHC: No**

**Low-Halogen Status**

**Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[75018Series](#)

**Mates With**

[75019 Plateau HS Dock™ Receptacle Right Angle](#)

Lead-free Process Capability  
Process Temperature max. C

SMC & Wave Capable (TH only)  
260

### **Material Info**

### **Reference - Drawing Numbers**

Application Specification  
Product Specification  
Test Summary

AS-75018-001  
PS-45499-003, PS-75005-002, PS-75018-001  
TS-75018-001

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