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**Part Number:** [75018-0021](#)  
**Status:** **Active**  
**Overview:** Plateau HS Dock™  
**Description:** 1.50mm by 5.00mm Pitch Plateau HS Dock™ Plug, Right Angle, 144 Circuits, Centerline Dimension 4.74mm

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-75018-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-75019-900 (PDF)</a>
<a href="#">Product Specification PS-45499-003 (PDF)</a>	<a href="#">Test Summary TS-75018-001 (PDF)</a>
<a href="#">Product Specification PS-75005-002 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-75018-001 (PDF)</a>	

**Agency Certification**

UL E29179

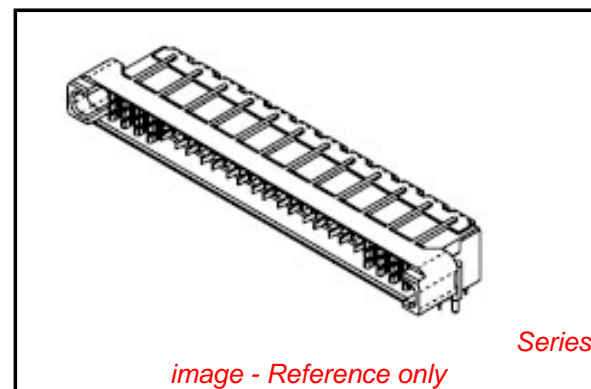
**General**

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)	144
Circuits (maximum)	144
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
Unmated Height	N/A

**Electrical**



**EU RoHS**

**RoHS Compliant by Exemption**  
**REACH SVHC**  
 Not Reviewed  
**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

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

**Solder Process Data**

Lead-free Process Capability SMC & Wave Capable (TH only)  
Process Temperature max. C 260

**Material Info**

UPC 822348101535

**Reference - Drawing Numbers**

Application Specification AS-75018-001, AS-75019-900  
Product Specification PS-45499-003, PS-75005-002, PS-75018-001  
Sales Drawing SD-75018-011  
Test Summary TS-75018-001

This document was generated on 07/12/2012

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