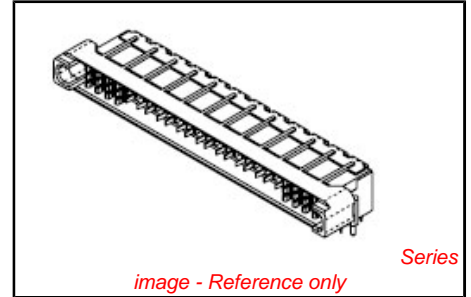


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Part Number: [0750180023](#)
Status: **Active**
Overview: [plateau_hs_dock](#)
Description: 1.50mm (.059")/ 5.00mm(.197") Pitch Plateau HS Dock™ Plug, Right Angle, 144 Circuits, 13.78mm (.543") Unmated Height, Centerline Dimension 8.74mm (.344")

Documents:

3D Model	Application Specification AS-75018-001 (PDF)
Drawing (PDF)	Application Specification AS-75019-900 (PDF)
Product Specification PS-45499-003 (PDF)	Test Summary TS-75018-001 (PDF)
Product Specification PS-75005-002 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-75018-001 (PDF)	



Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	75018
Application	Board-to-Board, Signal
Overview	plateau_hs_dock
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 (.111")
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.80mm (.071")
Packaging Type	Tray
Pitch - Mating Interface	1.50mm (.059"), 5.00mm (.197")
Plating min - Mating	0.762µm (30µ")
Plating min - Termination	0.762µm (30µ")
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

<p>EU RoHS RoHS Compliant by Exemption REACH SVHC Contains SVHC: No Low-Halogen Status Low-Halogen</p>	<p>China RoHS</p> <p>Pb</p>
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Need more information on product environmental compliance?

Email 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](#)

Voltage - Maximum

12V DC

Solder Process Data

Lead-free Process Capability
Process Temperature max. C

SMC & Wave Capable (TH only)
260

Material Info

Reference - Drawing Numbers

Application Specification
Product Specification
Sales Drawing
Test Summary

AS-75018-001, AS-75019-900
PS-45499-003, PS-75005-002, PS-75018-001
SD-74148-0000, SD-75018-011
TS-75018-001

This document was generated on 05/06/2011

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