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Part Number: [75019-0016](#)
Status: **Active**
Overview: Plateau HS Mezz™
Description: 1.50mm Pitch Plateau HS Dock™ Receptacle, Right Angle, 144 Circuits, 24 Columns, Centerline Dimension 4.74mm

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 Receptacles |
| Series | 75019 |
| Application | Board-to-Board, Signal |
| Application Tooling Part Link | 622023200 |
| Application Tooling Part Link | 622023400 |
| Overview | Plateau HS Mezz™ |
| Product Name | Plateau HS Dock™ |

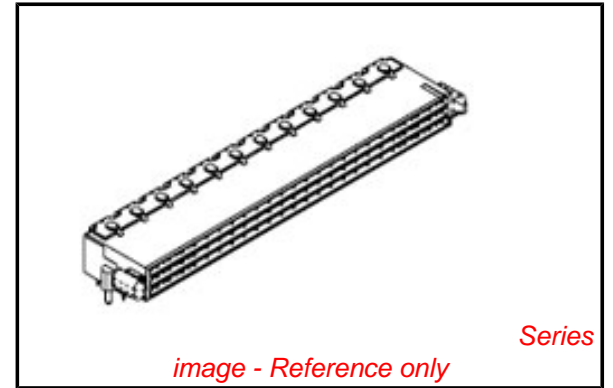
Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 144 |
| Circuits (maximum) | 144 |
| Color - Resin | Black, Natural |
| Durability (mating cycles max) | 100 |
| Glow-Wire Compliant | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | No |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold, Tin-Lead |
| Material - Plating Termination | Tin, Tin-Lead |
| Material - Resin | High Temperature Thermoplastic |
| Number of Rows | 3 |
| Orientation | Right Angle |
| PCB Locator | Yes |
| PCB Retention | Yes |
| Packaging Type | Tray |
| Pitch - Mating Interface | 1.50mm |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 0.762µm |
| Polarized to PCB | Yes |
| 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

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

Solder Process Data



EU RoHS

RoHS Compliant by Exemption
REACH SVHC
 Not Reviewed
Low-Halogen Status
 Not Reviewed

China RoHS



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

75019Series

Mates With

75018 Plateau HS Dock™ Plug, Right Angle, 75140Plateau HS Dock™ Plug, 75126 Plateau HS Dock™ Interposer Assembly

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

| Description | Product # |
|---|----------------------------|
| Receptacle Right Angle, 144 Circuits, Upper Housing Extractor Kit | 0622023200 |
| Right Angle Receptacle Wafer Extractor Tool for 75019 Series | 0622023400 |

Lead-free Process Capability
Process Temperature max. C

SMC & Wave Capable (TH only)
260

Material Info

UPC

756054910283

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-75019-010

Test Summary

TS-75018-001

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