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Part Number: [75003-0105](#)
Status: **Active**
Overview: Plateau HS Mezz™
Description: 1.20mm Pitch Plateau HS Mezz™ Plug, 48 Circuits, 5.50mm Unmated Height

Documents:

| | |
|--|--|
| 3D Model | Application Specification AS-75005-001 (PDF) |
| Drawing (PDF) | Test Summary TS-75005-001 (PDF) |
| Product Specification PS-75005-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-75005-002 (PDF) | |

Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|----------------|----------------------------------|
| Product Family | PCB Headers |
| Series | 75003 |
| Application | Board-to-Board, Signal |
| Overview | Plateau HS Mezz™ |
| Product Name | Plateau HS Mezz™ |
| UPC | 756054569931 |

Physical

| | |
|--------------------------------|--------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 48 |
| Circuits (maximum) | 48 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Glow-Wire Compliant | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Metal | High Performance Alloy (HPA) |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 3.396/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Tube |
| Pitch - Mating Interface | 2.35mm |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 3.810µm |
| Robotic Placement | Metal Cap |
| Shrouded | Fully |
| Stackable | No |
| Temperature Range - Operating | -20°C to +85°C |
| Termination Interface: Style | Surface Mount |
| Unmated Height | 5.50mm |

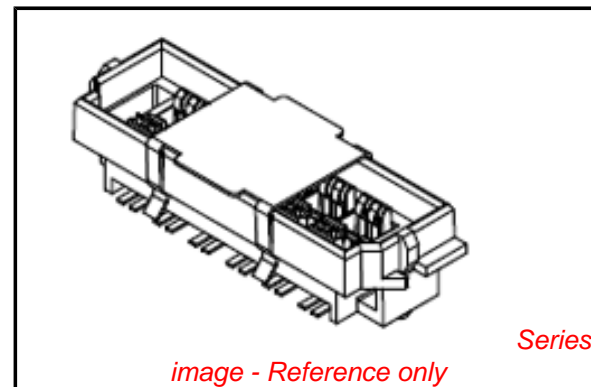


image - Reference only

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

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

[75003Series](#)

Mates With

[75005 1.20mm Pitch Plateau HS Mezz™ Receptacle](#)

Electrical

Current - Maximum per Contact 1.5A
Voltage - Maximum 30V

Solder Process Data

Lead-free Process Capability Reflow Capable (SMT only)
Process Temperature max. C 260

Material Info**Reference - Drawing Numbers**

Application Specification AS-75005-001
Product Specification PS-75005-001, PS-75005-002
Sales Drawing SD-75003-001
Test Summary TS-75005-001

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