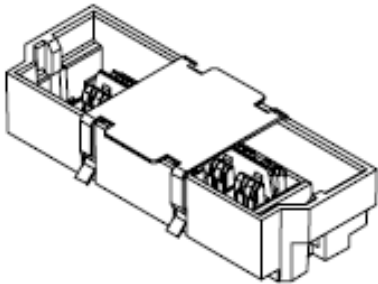


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**Part Number:** 0750050306  
**Status:** Active  
**Overview:** Plateau HS Mezz™  
**Description:** 1.20mm Pitch Plateau HS Mezz™ Receptacle, 6.50mm Unmated Height, 12 Circuits

- Documents:**
- [3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-75005-001-001 \(PDF\)](#)  
[Product Specification PS-75005-002-001 \(PDF\)](#)  
[Application Specification AS-75005-001-001 \(PDF\)](#)

[Packaging Specification PK-75005-001 \(PDF\)](#)  
[Packaging Specification PK-75005-003 \(PDF\)](#)  
[Test Summary TS-75005-001-001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)



Series image - Reference only

Agency Certification

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

General

|                |                        |
|----------------|------------------------|
| Product Family | PCB Receptacles        |
| Series         | 75005                  |
| Application    | Board-to-Board, Signal |
| MolexKits      | Yes                    |
| Overview       | Plateau HS Mezz™       |
| Product Name   | Plateau HS Mezz™       |
| UPC            | 756054603048           |

Physical

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 12                             |
| Circuits (maximum)             | 12                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 25                             |
| Flammability                   | 94V-0                          |
| Glow-Wire Compliant            | No                             |
| Material - Metal               | High Performance Alloy (HPA)   |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 1.757/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PCB Locator                    | Yes                            |
| PCB Retention                  | Yes                            |
| Packaging Type                 | Embossed Tape on Reel          |
| Pitch - Mating Interface       | 1.20mm, 3.51mm                 |
| Plating min - Mating           | 0.762µm                        |
| Plating min - Termination      | 3.810µm                        |
| Polarized to PCB               | Yes                            |
| Surface Mount Compatible (SMC) | N/A                            |
| Temperature Range - Operating  | -20°C to +85°C                 |
| Termination Interface: Style   | Surface Mount                  |
| Unmated Height                 | 6.50mm                         |

Electrical

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

Solder Process Data

|                             |        |
|-----------------------------|--------|
| Lead-freeProcess Capability | REFLOW |
| Process Temperature max. C  | 260    |

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
ED/21/2016 (20 June  
2016)

Halogen-Free

Status

Low-Halogen

Need more information on product  
environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

75005 Series

Mates With

1.20mm Pitch Plateau HS Mezz™  
Receptacle 75003

**Material Info**

**Reference - Drawing Numbers**

|                           |                                    |
|---------------------------|------------------------------------|
| Application Specification | AS-75005-001-001                   |
| Packaging Specification   | PK-75005-001, PK-75005-003         |
| Product Specification     | PS-75005-001-001, PS-75005-002-001 |
| Sales Drawing             | SD-75005-001                       |
| Test Summary              | TS-75005-001-001                   |

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