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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:**

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

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">75003</a>
Application	Board-to-Board, Signal
Overview	<a href="#">Plateau HS Mezz™</a>
Product Name	Plateau HS Mezz™

**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
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

**Electrical**

Current - Maximum per Contact	1.5A
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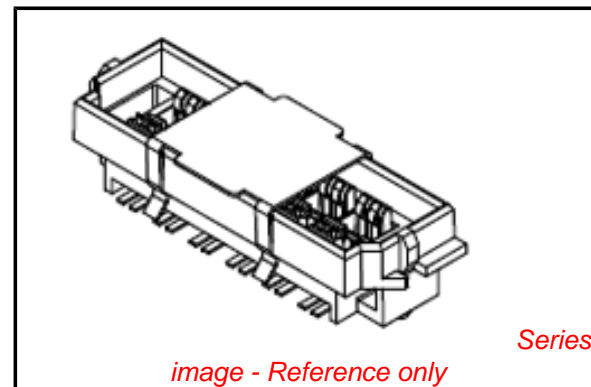


image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

**Contains SVHC: No**  
**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**

[75003Series](#)

**Mates With**

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

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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