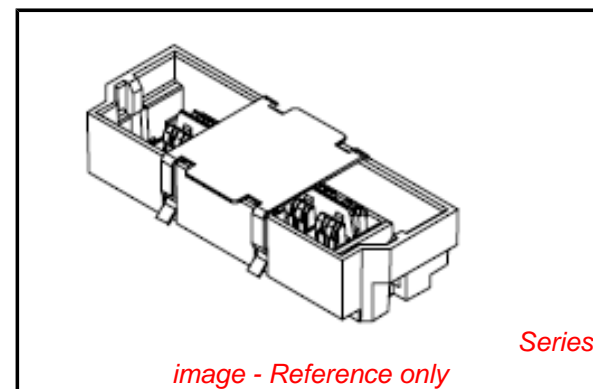


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [75005-0104](#)  
**Status:** **Active**  
**Overview:** Plateau HS Mezz™  
**Description:** 1.20mm Pitch Plateau HS Mezz™ Receptacle, 4.50mm Unmated Height, 48 Circuits

**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 Receptacles
Series	<a href="#">75005</a>
Application	Board-to-Board, Signal
MolexKits	Yes
Overview	<a href="#">Plateau HS Mezz™</a>
Product Name	Plateau HS Mezz™
UPC	756054555682

**Physical**

Circuits (Loaded)	48
Circuits (maximum)	48
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	3.701/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	4.50mm

**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	40
Lead-free Process Capability	Reflow Capable (SMT only)

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Low-Halogen**



**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**  
[75005Series](#)

**Mates With**  
 1.20mm Pitch Plateau HS Mezz™  
 Receptacle [75003](#)

Max. Cycles at Max. Process Temperature	3
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-75005-001
Test Summary	TS-75005-001

This document was generated on 10/09/2013

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**