

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [75003-0305](#)
Status: **Active**
Overview: Plateau HS Mezz™
Description: 1.20mm Pitch Plateau HS Mezz™ Plug, 12 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
MolexKits	Yes
Overview	Plateau HS Mezz™
Product Name	Plateau HS Mezz™

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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

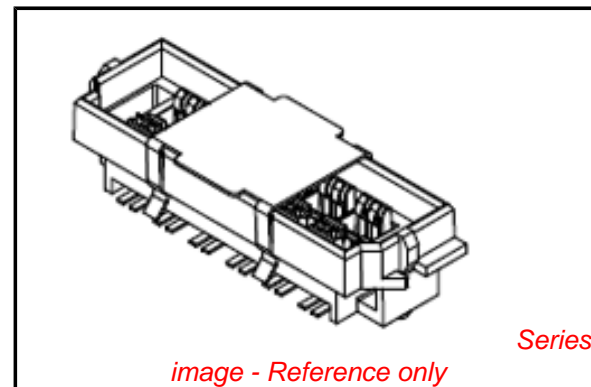


image - Reference only

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
 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](#)

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

This document was generated on 04/03/2012

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION