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Part Number: **0458308209**
Status: **Contact Molex**
Description: 1.20mm (.047") by 2.00mm (.079") Pitch HD Mezz™ Plug, 117 Circuits, 11.00mm (.433") Unmated Height, 9 Rows, Tin (Sn) Plating

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-45802-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

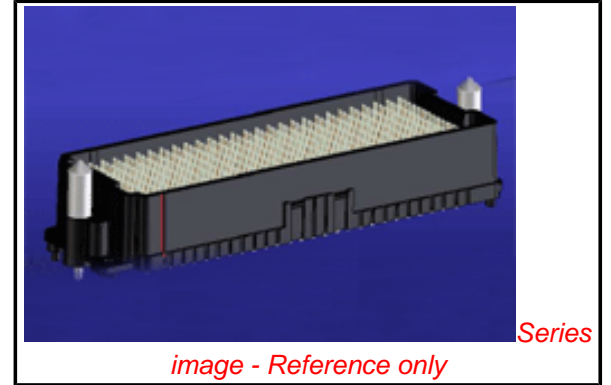
General

Product Family PCB Headers
 Series 45830
 Application Board-to-Board, Signal
 Comments 1.20mm (.047") Pitch Pin-to-Pin and 2.00mm (.079") Pitch Row-to-Row
 Product Name HD Mezz™

Physical

Breakaway No
 Circuits (Loaded) 117
 Circuits (maximum) 117
 Color - Resin Black
 Durability (mating cycles max) 100
 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 9
 Orientation Vertical
 PCB Locator Yes
 PCB Retention Yes
 Packaging Type Tray
 Pitch - Mating Interface 1.20mm (.047")
 Pitch - Termination Interface 1.20mm (.047")
 Plating min - Mating 0.762µm (30µ")
 Plating min - Termination 2.540µm (100µ")
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Robotic Placement Vacuum Pick-Up Clip
 Shrouded Closed Ends
 Stackable No
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -55°C to +105°C
 Termination Interface: Style Surface Mount

Electrical



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Not Reviewed

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

45830Series

Mates With

45802 HD Mezz™ Receptacle

Current - Maximum per Contact	2A
Voltage - Maximum	250V AC

Solder Process Data

Duration at Max. Process Temperature (seconds)	20
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	2
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Product Specification	PS-45802-001
Sales Drawing	SD-45830-0001, SD-45830-0002

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