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Part Number: [0458305017](#)
Status: **Contact Molex**
Description: 1.20mm (.047") by 2.00mm (.079") Pitch HD Mezz™ Plug, 221 Circuits, 17.00mm (.669") Unmated Height, 17 Rows, Tin (Sn)/Lead (Pb) Plating

Documents:

Drawing (PDF)	Product Specification PS-45802-002 (PDF)
Product Specification PS-45802-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

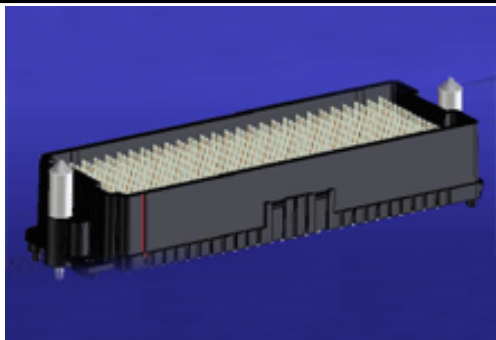
General

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)	221
Circuits (maximum)	221
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	17
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



Series

image - Reference only

EU RoHS

Not RoHS Compliant
REACH SVHC
Not Reviewed
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	230
Replacement RoHS Compliant Part Number	0458305217

Material Info

Reference - Drawing Numbers

Product Specification	PS-45802-001, PS-45802-002
Sales Drawing	SD-45830-0001

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