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Part Number: [0458021223](#)
Status: **Active**
Overview: HD Mezz Mezzanine Connector System
Description: 1.20mm by 2.00mm Pitch HD Mezz Receptacle, 299 Circuits, 18.00mm Unmated Height, 23 Rows, Lead-Free

Documents:

[3D Model](#) [Product Specification PS-45802-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[3D Model \(PDF\)](#)

Agency Certification

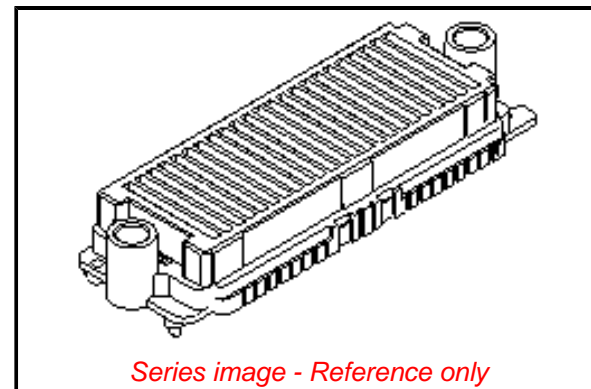
CSA LR19980
 UL E29179

General

Product Family PCB Receptacles
 Series [45802](#)
 Application Board-to-Board, Signal
 Comments 1.20mm Pitch Pin-to-Pin and 2.00mm Pitch Row-to-Row
 Overview [HD Mezz Mezzanine Connector System](#)
 Product Name HD Mezz
 UPC 822350593069

Physical

Circuits (Loaded) 299
 Circuits (maximum) 299
 Color - Resin Black
 Durability (mating cycles max) 100
 Flammability 94V-0
 Glow-Wire Capable 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
 Net Weight 28.027/g
 Number of Rows 23
 Orientation Vertical
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tray
 Pitch - Mating Interface 2.00mm
 Pitch - Termination Interface 2.00mm
 Plating min - Mating 0.762µm
 Plating min - Termination 2.540µm
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Robotic Placement Vacuum Pick-Up Tape
 Stackable No
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -55° to +105°C
 Termination Interface: Style Surface Mount
 Unmated Height 18.00mm



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
 D(2020)4578-DC (25
 June 2020)
 ethylene thiourea
 di-n-pentyl phthalate
 (DPP)
 Octanoic acid,
 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-
 pen
 decamethylcyclotrisiloxane
 disodium 3,3'-[[1,1'-
 biphenyl]-4,4'-
 diylbis(azo)
 diisopentylphthalate
 1,2-diethoxyethane
 dibutyltin dichloride
 1,3-propanesultone
 Ammonium-
 pentadecafluorooctanoate
 2-ethylhexyl 10-
 ethyl-4,4-dioctyl-7-
 oxo-8-oxa-3,
 2-(2H-benzotriazol-2-
 yl)-4,6-
 ditertpentylphenol
 2-(2H-benzotriazol-2-
 yl)-4-(tert-butyl)-6-
 (sec-b
 1,2-
 Benzenedicarboxylic
 acid, dihexyl ester,
 bra
 diisohexyl phthalate
 1,2-
 benzenedicarboxylic
 acid, dipentylester,
 bra
 n-pentyl-
 isopentylphthalate

China RoHS

Electrical

Current - Maximum per Contact 2.0A
 Grounding to PCB No
 Voltage - Maximum 250V AC

Solder Process Data

Duration at Max. Process Temperature (seconds) 020
 Lead-free Process Capability REFLOW
 Max. Cycles at Max. Process Temperature 002
 Process Temperature max. C 260

Material Info**Reference - Drawing Numbers**

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

Boric acid
 Nonadecafluorodecanoic acid (PFDA) and its sodiu
 Tris(4-nonylphenyl, branched and linear)
 phosphi
 Pyrene
 Perfluorononan-1-oic acid
 (2,2,3,3,4,4,5,5,6,6,7
 Methylhexahydrophthalic anhydride
 reaction mass of
 2-ethylhexyl 10-ethyl-4,4-dioct
 Perfluorohexane-1-sulphonic acid and its salts
 Lead sulfochromate yellow
 Strontium-chromate bis(2-methoxyethyl) ether
 pentazinc chromate octahydroxide
 1,2-dimethoxyethane
 1,2-bis(2-methoxyethoxy)ethane
 bis(pentabromophenyl) ether
 cadmium oxide (non-pyrophoric)
 cadmium sulphide
 orange lead
 lead
 cadmium
 lead dinitrate
 lead oxide sulfate
 pentalead tetraoxide sulphate
 dioxobis(stearato)trilead
 Lead titanium
 zirconium oxide
 lead cyanamidate
 Sulphurous acid, lead salt, dibasic
 [phthalato(2-)]dioxotrilead
 benzo[a]pyrene
 4-aminoazobenzene
 dihexyl phthalate (DnHP)

Halogen-Free Status**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
 45802 Series

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