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Part Number: [5007620481](#)
Status: **Active**
Overview: CMC and CMX Sealed, Hybrid, Modular Connectors
Description: 2.50mm, 3.50mm, 3.70mm CMC Header, Right-Angle, 48 Circuits, Black

Documents:
[3D Model](#) [Product Specification PS-64319-001-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Datasheet \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family PCB Headers
Series [500762](#)
Application Automotive, Power, Wire-to-Board
Comments Coding: Black
Overview CMC and CMX Sealed, Hybrid, Modular Connectors
Product Name CMC
UPC 822350664622

Physical
Breakaway No
Circuits (Loaded) 48
Circuits (maximum) 48
Circuits Detail 8 x 1.5mm & 40 x 0.635mm terminals
Color - Resin Black
Durability (mating cycles max) 20
First Mate / Last Break Yes
Glow-Wire Capable No
Guide to Mating Part No
Keying to Mating Part Yes
Lock to Mating Part Yes
Material - Metal Copper Alloy
Material - Plating Mating Tin
Material - Plating Termination Tin
Net Weight 34312.209/mg
Number of Rows 4
Orientation Right Angle
PC Tail Length 3.60mm
PCB Locator Yes
PCB Retention None
PCB Thickness - Recommended 1.60mm
Packaging Type Tray
Pitch - Mating Interface 2.50mm, 3.50mm, 3.70mm
Pitch - Termination Interface 2.50mm, 3.50mm, 3.70mm
Polarized to Mating Part Yes
Polarized to PCB Yes
Shrouded Closed Ends
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -40° to +125°C
Termination Interface: Style Solder or Weld

Electrical
Current - Maximum per Contact 12.0A, 2.5A
Voltage - Maximum 14V DC

Solder Process Data



EU ELV
Compliant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
D(2021)4569-DC (8
July 2021)
Halogen-Free
Status
Not Low-Halogen
For more information, please visit [Contact US](#)

China ROHS Green Image
ELV Compliant
RoHS Phthalates Not Contained

Search Parts in this Series
[500762](#) Series

Mates With
CMC Receptacles [643201311](#) , [643203311](#)

Duration at Max. Process Temperature (seconds)	025
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Product Specification	PS-64319-001-001
Sales Drawing	SD-500762-001-001

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