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Part Number: [5007621001](#)
Status: **Active**
Overview: CMC and CMX Sealed, Hybrid, Modular Connectors
Description: 2.50mm, 3.50mm, 3.70mm CMC Header, Sealed, Right-Angle, 48 Circuits, Black

Documents:

3D Model	Application Specification 5007620000-AS-000 (PDF)
Drawing (PDF)	Datasheet (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 5007620000-PS-000 (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	191128954846

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	42.122/g
Number of Rows	4
Orientation	Right Angle
PC Tail Length	3.50mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	2.00mm
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



Series image - Reference only

EU ELV

Compliant

EU 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

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

[500762](#) Series

Mates With

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

Material Info

Reference - Drawing Numbers

Application Specification	5007620000-AS-000
Product Specification	5007620000-PS-000
Sales Drawing	5007621000-000

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