

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	500762
Application	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 Compliant	No
Guide to Mating Part	Yes
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°C to +105°C
Termination Interface: Style	Solder or Weld

Electrical

Current - Maximum per Contact	6.0A
Voltage - Maximum	14V DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	025
--	-----



EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Compliant

Not Contained

Search Parts in this Series

[500762](#) Series

Mates With

CMC Receptacle [64320-1311](#) , [64320-3311](#)

Use With

Terminal [64322](#) , [64323](#) , Wire Cap [64320-1301](#) , Blind Plug [64325](#)

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

This document was generated on 11/17/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION