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Part Number: [5022250801](#)
Status: **Active**
Overview: CMC and CMX Sealed, Hybrid, Modular Connectors
Description: 2.50mm, 3.50mm, 3.70mm CMC Header, Right Angle, 80 Circuits

Documents:

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

General

Product Family	PCB Headers
Series	502225
Application	Power, Wire-to-Board
Comments	Coding: 32w Black, 48w Brown
Overview	CMC and CMX Sealed, Hybrid, Modular Connectors
Product Name	CMC
UPC	822350659871

Physical

Breakaway	No
Circuits (Loaded)	80
Circuits (maximum)	80
Color - Resin	Black
Durability (mating cycles max)	20
First Mate / Last Break	Yes
Glow-Wire Capable	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	59400.000/mg
Number of Rows	4
Orientation	Right Angle
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
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001



EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

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	Green Image
ELV	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series

[502225](#) Series

Mates With

[64319-3211](#) CMC Connector, [64320-1319](#) CMC Connector

Use With

[64319-3211](#) CMC Connector, [64320-1319](#) CMC Connector, [64322](#) Terminal, [64323](#) Terminal, [64320-1301](#) Wire Cap, [64319-1201](#) Wire Cap, [64325](#) Blind Plug

Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

Product Specification PS-64319-001-001
Sales Drawing SD-502225-001

This document was generated on 03/01/2018

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