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Part Number: [502225-0801](#)
Status: **Active**
Overview: CMC Sealed, Hybrid, Modular Connectors and Headers
Description: 2.50mm, 3.50mm, 3.70mm CMC Header, Right Angle, 80 Circuits

Documents:

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

General

Product Family	PCB Headers
Series	502225
Application	Power, Wire-to-Board
Overview	CMC Sealed, Hybrid, Modular Connectors and Headers
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 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	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 +125°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	6A
Voltage - Maximum	250V

Solder Process Data

Duration at Max. Process Temperature (seconds)	25
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[502225Series](#)

Mates With

[643193211 CMC Connector](#), [643201319 CMC Connector](#)

Use With

[643193211 CMC Connector](#), [643201319 CMC Connector](#), [64322 Terminal](#), [64323 Terminal](#), [643201301 Wire Cap](#),

Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-64319-001
SD-502225-001

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