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Part Number:

502225-0801

Status:

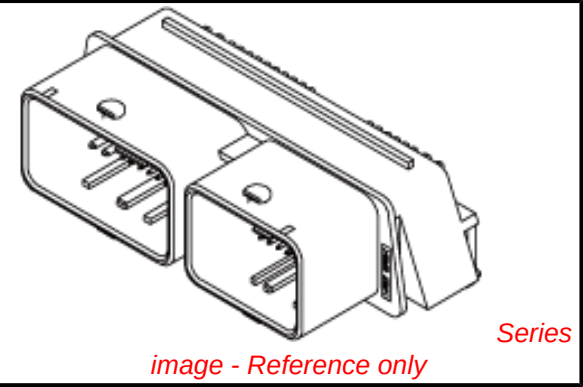
Active

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
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
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
Process Temperature max. C	260
Material Info	

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

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

64319-3211 CMC Connector, 64320-1319 CMC Connector

Use With

643193211 CMC Connector, 643201319 CMC Connector, 64322 Terminal, 64323 Terminal, 643201301 Wire Cap,

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-64319-001
SD-502225-001

This document was generated on 03/30/2012

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