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**Part Number:** [500762-0481](#)  
**Status:** **Active**  
**Overview:** CMC Sealed, Hybrid, Modular Connectors and Headers  
**Description:** 2.50mm, 3.50mm, 3.70mm CMC Header, Right Angle, 48 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-500762-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	500762
Application	Power, Wire-to-Board
Overview	CMC Sealed, Hybrid, Modular Connectors and Headers
Product Name	CMC

**Physical**

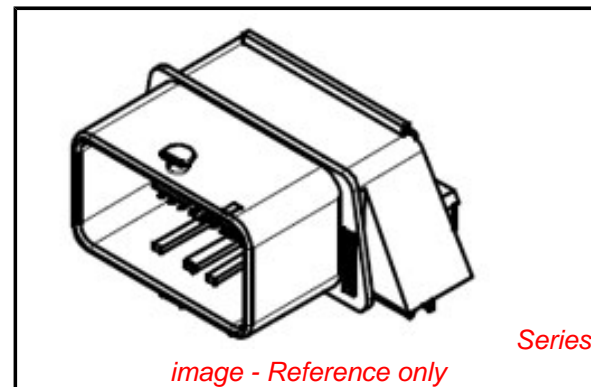
Breakaway	No
Circuits (Loaded)	48
Circuits (maximum)	48
Color - Resin	Black
Durability (mating cycles max)	20
First Mate / Last Break	Yes
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Number of Rows	4
Orientation	Right Angle
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 +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



**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](mailto: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**

500762Series

**Mates With**

643201311 CMC Connector, 643203311 CMC Connector

**Use With**

643201311 CMC Connector, 643203311 CMC Connector, 64322 Terminal, 64323 Terminal, 643201301 Wire Cap, 64325 Blind Plug

**Material Info**

**Reference - Drawing Numbers**

Product Specification

PS-500762-001

Sales Drawing

SD-500762-001

This document was generated on 04/03/2012

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