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**Part Number:** [36638-0014](#)  
**Status:** **Active**  
**Overview:** CMC Sealed, Hybrid, Modular Connectors and Headers  
**Description:** 2.50mm, 3.50mm CMC Header, Right Angle, 96 Position, 72 loaded, 2 Port, Black and Brown, Lead-Free

**Documents:**

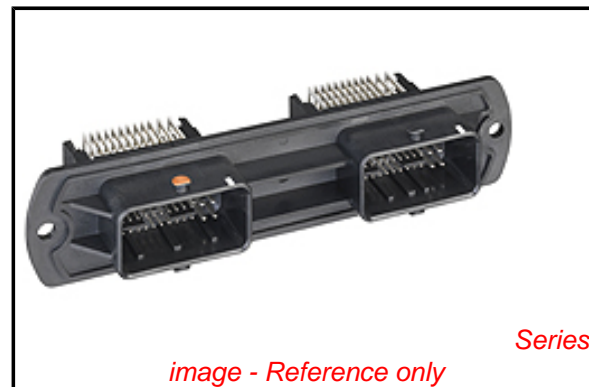
[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">36638</a>
Application	Power, Wire-to-Board
Comments	Carton Box Packing
Overview	<u>CMC Sealed, Hybrid, Modular Connectors and Headers</u>
Product Name	CMC
UPC	884982449930

**Physical**

(p)ower-(s)ignal Configuration	12p - 60s
Breakaway	No
Circuits (Loaded)	72
Circuits (maximum)	96
Circuits Detail	12 x 1.5mm & 60 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	No
Mated Height	6.70mm
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	116.886/g
Number of Rows	4
Orientation	Right Angle
PC Tail Length	2.90mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Carton
Pitch - Mating Interface	2.50mm, 3.50mm, 3.70mm
Plating min - Mating	4.064µm
Plating min - Termination	4.064µm
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 +100°C
Termination Interface: Style	Solder or Weld



**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Not Reviewed**  
**Low-Halogen Status  
Not Reviewed**

**China RoHS**



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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**

[36638Series](#)

**Mates With**

CMC Receptacle Connector [64320-1319](#) ,  
[64320-3311](#)

**Use With**

CMC Receptacle Connector [64320-1319](#)  
, [64320-3311](#) , CMC CP Terminals [64322](#)  
, [64323](#) , CMC Blind Plug for CP Terminal  
[64325](#) , Wire Cap [64319-1201](#)

**Electrical**

Current - Maximum per Contact

6A

Voltage - Maximum

14V DC

**Material Info**

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