

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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:

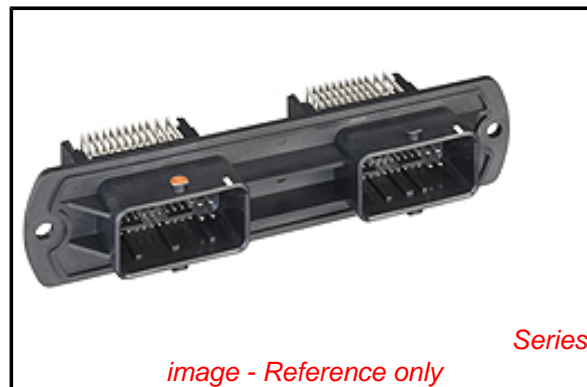
[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

General

Product Family	PCB Headers
Series	36638
Application	Power, Wire-to-Board
Comments	CARTON BOX PACKING
Overview	CMC Sealed, Hybrid, Modular Connectors and Headers
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	Through Hole



EU RoHS

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

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

[36638Series](#)

Mates With

CMC Receptacle Connector [643201319](#) ,
[643203311](#)

Use With

CMC Receptacle Connector [643201319](#) ,
[643203311](#) , CMC CP Terminals [64322](#) ,
[64323](#) , CMC Blind Plug for CP Terminal
[64325](#) , Wire Cap [643191201](#)

Electrical

Current - Maximum per Contact

6A

Voltage - Maximum

250V AC

Material Info

This document was generated on 04/04/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION