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**Part Number:** [0366380010](#)  
**Status:** **Active**  
**Overview:** CMC and CMX Sealed, Hybrid, Modular Connectors  
**Description:** 2.50mm, 3.50mm CMC Header, Right Angle, 96 Position, 72 loaded, 2 Port, Black and Brown, Peg, Lead-Free

**Documents:**

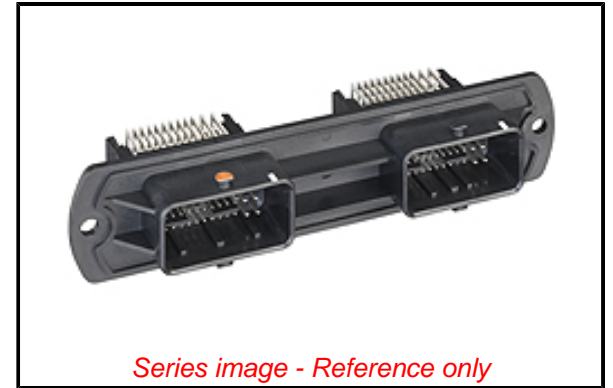
<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-36638-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-36638-003 (PDF)</a>
<a href="#">Product Specification PS-36638-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	PCB Headers
Series	<a href="#">36638</a>
Application	Power, Wire-to-Board
Comments	Carton Box Packing
Overview	<u>CMC and CMX Sealed, Hybrid, Modular Connectors</u>
Product Name	CMC
UPC	800756747569

**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 Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
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	Yes
PCB Retention	Yes
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 ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[36638](#) Series

**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 6.0A  
Voltage - Maximum 14V DC

**Solder Process Data**

Lead-free Process Capability N/A

**Material Info****Reference - Drawing Numbers**

Packaging Specification PK-36638-001, PK-36638-003  
Product Specification PS-36638-001-001  
Sales Drawing SD-36638-001

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