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Part Number: [0366380013](#)
Status: **Active**
Overview: [CMC and CMX Sealed, Hybrid, Modular Connectors](#)
Description: 2.50mm, 3.50mm CMC Header GOLD PLATED, Right-Angle, 48 Position, 36 loaded, 1 Port, Black, Peg, Lead-Free

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-36638-001-001 \(PDF\)](#)
[Packaging Specification PK-36638-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family PCB Headers
Series [36638](#)
Application Power, Wire-to-Board
Comments Carton Box Packing
Overview [CMC and CMX Sealed, Hybrid, Modular Connectors](#)
Product Name CMC
UPC 884982367029

Physical
(p)ower-(s)ignal Configuration 6p - 30s
Breakaway No
Circuits (Loaded) 36
Circuits (maximum) 48
Circuits Detail 6 x 1.5mm & 30 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 Gold
Material - Plating Termination Tin
Material - Resin Polyester
Net Weight 49.314/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° to +100°C
Termination Interface: Style Solder or Weld



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/108/2014 (17 Dec
2014)
Halogen-Free
Status
Low-Halogen
**Need more information on product
environmental compliance?**

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

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Reviewed

Search Parts in this Series
[36638](#) Series

Mates With
CMC Connectors [64320-1311](#) , [64320-3311](#)
, [64320-2311](#) , [64320-4311](#)

Use With
CMC Connectors [64320-1311](#) , [64320-3311](#)
, [64320-2311](#) , [64320-4311](#) , 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

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-36638-001
Product Specification	PS-36638-001-001
Sales Drawing	SD-36638-013

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