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Part Number: [0366380002](#)
Status: **Active**
Overview: CMC and CMX Sealed, Hybrid, Modular Connectors
Description: 2.50mm, 3.50mm CMC Header, Right-Angle, 48 Position, 1 Port, Black, Peg, Lead-Free

Documents:

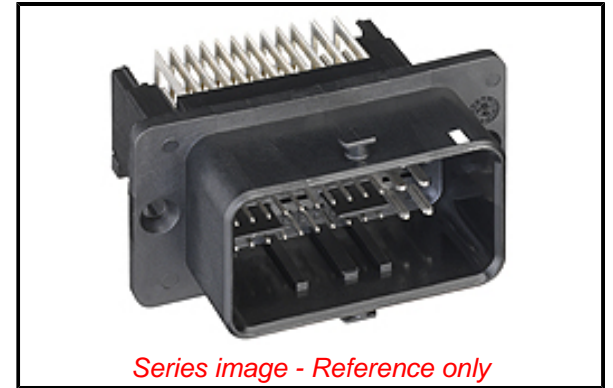
3D Model	Packaging Specification PK-36638-001 (PDF)
3D Model (PDF)	Packaging Specification PK-36638-003 (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification PS-36638-001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-36638-001-001 (PDF)	

General

Product Family	PCB Headers
Series	36638
Application	Automotive, Power, Wire-to-Board
Comments	Carton Box Packing
Overview	CMC and CMX Sealed, Hybrid, Modular Connectors
Product Name	CMC
UPC	822350795654

Physical

(p)ower-(s)ignal Configuration	8p - 40s
Breakaway	No
Circuits (Loaded)	48
Circuits (maximum)	48
Circuits Detail	8 x 1.5mm & 40 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	49.152/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 2020

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[36638 Series](#)

Mates With

CMC Connectors [643201311](#) , [643203311](#)

Use With

CMC Connectors [643201311](#) , [643203311](#) , CMC CP Terminals [64322](#) , [64323](#) , CMC Blind Plug for CP Terminal [64325](#) , Wire Cap [643191201](#)

Termination Interface: Style Solder or Weld

Electrical

Current - Maximum per Contact 6.0A
Voltage - Maximum 14V DC

Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers

Application Specification AS-36638-001-001
Packaging Specification PK-36638-001, PK-36638-003
Product Specification PS-36638-001-001
Sales Drawing 366381000-000

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