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Part Number: [0366380006](#)
Status: **Active**
Overview: [CMC and CMX Sealed, Hybrid, Modular Connectors](#)
Description: 2.50mm, 3.50mm CMC Header, Right-Angle, 48 Position, 36 loaded, 1 Port, Black, Peg, Lead-Free

Documents:

3D Model	Packaging Specification PK-36638-001 (PDF)
Drawing (PDF)	Packaging Specification PK-36638-003 (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
3D Viewer	Yes
Application	Automotive, Power, Wire-to-Board
CURRENT-MAX-NUMERIC	6.0
Comments	Carton Box Packing, Carton Box Packing
Overview	CMC and CMX Sealed, Hybrid, Modular Connectors
PITCH-MATING-NUMERIC	2.50, 3.50, 3.70
Product Name	CMC
UPC	822350926003

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	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	58.980/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Low-Halogen

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Relevant

Search Parts in this Series

[36638](#) Series

Mates With

CMC Connectors [643201311](#) , [643203311](#) ,
[643202311](#) , [643204311](#)

Use With

CMC Connectors [643201311](#) , [643203311](#)
 , [643202311](#) , [643204311](#) , CMC CP
Terminals [64322](#) , [64323](#) , CMC Blind
Plug for CP Terminal [64325](#) , Wire Cap
[643191201](#)

Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +100°C
Termination Interface: Style	Solder or Weld

Electrical

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

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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