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Part Number: [0366380005](#)
Status: **Active**
Overview: [CMC and CMX Sealed, Hybrid, Modular Connectors](#)
Description: 2.50mm, 3.50mm CMC Header, Right-Angle, 48 Position, 1 Port, Brown, Lead-Free

Documents:	
3D Model	Packaging Specification PK-36638-001 (PDF)
Drawing (PDF)	Packaging Specification PK-36638-003 (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification PS-36638-001-001 (PDF)	RoHS Certificate of Compliance (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	822350926928

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	No
Mated Height	6.70mm
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	49.119/g
Number of Rows	4
Orientation	Right Angle
PC Tail Length	2.90mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	2.00mm
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 - D(2020)4578-DC (25 June 2020)	
Halogen-Free	
Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

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

Mates With
CMC Connectors [643201319](#) , [643203319](#)

Use With
CMC Connectors [643201311](#) , [643201319](#)
, CMC CP Terminals [64322](#) , [64323](#) , CMC
Blind Plug for CP Terminal [64325](#) , Wire Cap
[643191201](#)

Electrical

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

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

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

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