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Part Number: [0366380012](#)
Status: **Active**
Overview: CMC and CMX Sealed, Hybrid, Modular Connectors
Description: 2.50mm, 3.50mm CMC Header, Right-Angle, 96 Position, 96 loaded, 2 Port, Black and Brown, Peg, Lead-Free



Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-36638-001-001 \(PDF\)](#)
[Application Specification AS-36638-001-001 \(PDF\)](#)
[Packaging Specification PK-36638-001 \(PDF\)](#)
[Packaging Specification PK-36638-003 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	PCB Headers
Series	36638
Application	Power, Wire-to-Board
Comments	Carton Box Packing, Carton Box Packing
Overview	<u>CMC and CMX Sealed, Hybrid, Modular Connectors</u>
Product Name	CMC
UPC	800756747583
Physical	
(p)ower-(s)ignal Configuration	16p - 80s
Breakaway	No
Circuits (Loaded)	96
Circuits (maximum)	96
Circuits Detail	16 x 1.5mm & 80 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° to +100°C
Termination Interface: Style	Solder or Weld

EU ELV	
Not Relevant	
EU RoHS	
Compliant	
REACH SVHC	
Not Contained Per -ED/88/2018 (15 January 2019)	
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 Receptacle Connector [643201319](#) , [643203311](#)

Use With
CMC Receptacle Connector [643201319](#) , [643203311](#) , 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

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

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