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Part Number:

0366380010

Status:

Active

Overview:

CMC and CMX Sealed, Hybrid, Modular Connectors

Description:

2.50mm, 3.50mm CMC Header, Right-Angle, 96 Position, 72 loaded, 2 Port, Black and Brown, Peg, 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)
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	800756747569
Physical	
(p)ower-(s)ignal Configuration	12p - 60s
Breakaway	No
Circuits (Loaded)	72
Circuits (maximum)	96
Circuits Detail	12 x 1.5mm & 60 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

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 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](#)

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	SD-36638-001

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