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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
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	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

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

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 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](#)

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
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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