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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)
Product Specification PS-36638-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Headers
Series	36638
Application	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

Electrical

EU ELV
Not Relevant

EU RoHS Compliant REACH SVHC Not Contained Per -ED/01/2018 (15 January 2018) Halogen-Free Status Low-Halogen	China RoHS
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Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

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

Mates With
CMC Connectors [64320-1319](#) , [64320-3319](#)

Use With
CMC Connectors [64320-1311](#) , [64320-1319](#) , CMC CP Terminals [64322](#) , [64323](#) , CMC Blind Plug for CP Terminal [64325](#) , Wire Cap [64319-1201](#)

Current - Maximum per Contact	6.0A
Voltage - Maximum	14V DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-36638-001, PK-36638-003
Product Specification	PS-36638-001-001
Sales Drawing	SD-36638-002

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