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Part Number: [36638-0002](#)
Status: **Active**
Overview: [CMC Sealed, Hybrid, Modular Connectors and Headers](#)
Description: 2.50mm, 3.50mm CMC Header, Right Angle, 48 Position, 1 Port, Black, Peg, Lead-Free

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	36638
Application	Power, Wire-to-Board
Comments	CARTON BOX PACKING
Overview	CMC Sealed, Hybrid, Modular Connectors and Headers
Product Name	CMC
UPC	822350795654

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 Compliant	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	49.131/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°C to +100°C
Termination Interface: Style	Through Hole

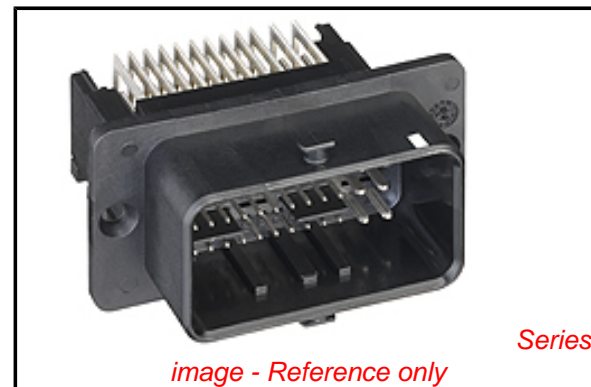


image - Reference only

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[36638Series](#)

Mates With

CMC Connectors [643201311](#) , [643203311](#)

Use With

CMC Connectors [643201311](#) , [643203311](#) , CMC CP Terminals [64322](#) , [64323](#) , CMC Blind Plug for CP Terminal [64325](#) , Wire Cap [643191201](#)

Electrical

Current - Maximum per Contact

6A

Voltage - Maximum

250V AC

Material Info**Reference - Drawing Numbers**

Sales Drawing

SD-36638-002, SD-36638-013

This document was generated on 01/17/2013

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