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Part Number: [0366380006](#)

Status: **Active**

Overview:

Description: 2.50mm (.098"), 3.50mm (.138") CMC Header, Right Angle, 48 Position, 36 loaded, 1 Port, Black, Peg, Lead-free

Documents:

[Drawing \(PDF\)](#)

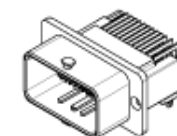
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	36638
Application	Wire-to-Board
Overview	CMC Connectors
Product Name	CMC

Physical

Breakaway	No
Circuits (Loaded)	36
Circuits (maximum)	48
Circuits Detail	6 x 1.5mm & 30 x 0.635mm terminals
Color - Resin	Black
Durability (mating cycles max)	50
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 (in)	0.264 In
Mated Height (mm)	6.70 mm
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	4
Orientation	Right Angle
PC Tail Length (in)	0.114 In
PC Tail Length (mm)	2.90 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.063 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.098 In
Pitch - Mating Interface (in)	0.138 In
Pitch - Mating Interface (in)	0.146 In
Pitch - Mating Interface (mm)	2.50 mm
Pitch - Mating Interface (mm)	3.50 mm
Pitch - Mating Interface (mm)	3.70 mm
Pitch - Term. Interface (in)	0.098 In
Pitch - Term. Interface (in)	0.138 In
Pitch - Term. Interface (in)	0.146 In
Pitch - Term. Interface (mm)	2.50 mm
Pitch - Term. Interface (mm)	3.50 mm
Pitch - Term. Interface (mm)	3.70 mm
Plating min: Mating (µin)	160
Plating min: Mating (µm)	4



Series image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Not Reviewed
**Halogen-Free
Status**

China RoHS



Not Reviewed

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non-product compliance questions.

Search Parts in this Series

[36638 Series](#)

Mates With

CMC Connectors [989931311](#) , [989933311](#)

Plating min: Termination (μ in)	160
Plating min: Termination (μ m)	4
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

Electrical

Current - Maximum	8A
Voltage - Maximum	250V

Material Info**Reference - Drawing Numbers**

Sales Drawing	SD-36638-002
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