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Part Number:

0989971002

Status:

Active

Overview:

CMC and CMX Sealed, Hybrid, Modular Connectors

Description:

CMC Right Angled Header, 0.64mm/1.50mm/2.80mm, 53 Circuit

Documents:

3D Model

RoHS Certificate of Compliance (PDF)

Drawing (PDF)

General

Product Family

PCB Headers

Series

98997

Application

Power, Wire-to-Board

Comments

Coding: Black

Overview

CMC and CMX Sealed, Hybrid, Modular Connectors

Product Name

CMC

UPC

883906342159

Physical

Breakaway

No

Circuits (Loaded)

53

Circuits (maximum)

53

Circuits Detail

40 x 0.635mm 8 x 1.50mm 5 x 2.80mm

Color - Resin

Black

Durability (mating cycles max)

20

First Mate / Last Break

No

Glow-Wire Capable

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

Yes

Material - Metal

Brass

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Net Weight

53.400/g

Number of Rows

4

Orientation

Right Angle

PC Tail Length

3.35mm

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

1.60mm

Packaging Type

Carton

Pitch - Mating Interface

0.64mm, 1.50mm, 2.80mm

Pitch - Termination Interface

0.64mm, 1.50mm, 2.80mm

Plating min - Mating

0.102µm

Plating min - Termination

0.102µm

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Shrouded

No

Stackable

No

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-40°C to +105°C

Termination Interface: Style

Solder or Weld

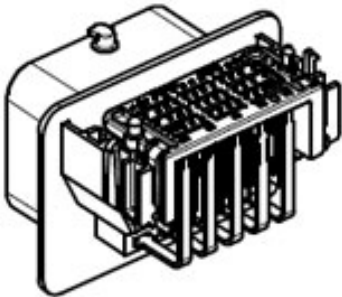
Electrical

Current - Maximum per Contact

12.0A, 2.5A, 21.0A

Voltage - Maximum

14V DC



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -ED/01/2018 (15 January 2018)

Halogen-Free

Status

Not Relevant

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

Not Relevant

ELV

Compliant

RoHS Phthalates

Not Contained

Search Parts in this Series

98997 Series

Mates With

64321-1011 Left Wire Output, Black Coding, Mat Sealed, 64321-2011 Right Wire Output, Black Coding, Mat Sealed

Use With

64321-1011 Left Wire Output, Black Coding, Mat Sealed, 64321-2011 Right Wire Output, Black Coding, Mate Sealed, 64322 CP 0.635mm Terminal, 64323 CP 1.50mm Terminal, 64324 CP 2.80mm Terminal

Solder Process Data

Duration at Max. Process Temperature (seconds)	025
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-98997-001
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