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Part Number:

0477450100

Status:

Active

Overview:

CMC and CMX Sealed, Hybrid, Modular Connectors

Description:

2.50mm, 3.50mm CMC Header, Right Angle, 28 Position, 1 Port, Black, Peg, Lead-Free

Documents:

3D Model

Packaging Specification PK-47745-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

PCB Headers

Series

47745

Application

Power, Wire-to-Board

Comments

Coding: Black

Overview

CMC and CMX Sealed, Hybrid, Modular Connectors

Product Name

CMC

UPC

887191161006

Physical

Breakaway

No

Circuits (Loaded)

28

Circuits (maximum)

28

Circuits Detail

5x 2.8mm, 5 x 1.5mm, 18 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

No

Keying to Mating Part

Yes

Lock to Mating Part

Yes

Material - Metal

Brass

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

Polyester

Net Weight

36.292/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

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 +105°C

Termination Interface: Style

Solder or Weld

Electrical

Current - Maximum per Contact

12.0A, 2.5A, 21.0A

Voltage - Maximum

14V DC

Solder Process Data



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/108/2014 (17 Dec
2014)

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

Search Parts in this Series

47745 Series

Mates With

.635mm, 1.50mm, 2.80mm, Power CMC
Receptacle [64318](#)

Use With

[64318](#) CMC Female, [64322](#) CP 0.6, [64323](#)
CP 1.5, [64324](#) CP 2.8, [64320-1301](#) Wire
Cap, [64325](#) Blind Plugs

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-47745-001
Sales Drawing	SD-47745-100

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