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Part Number: [0477450200](#)
Status: **Active**
Overview: CMC and CMX Sealed, Hybrid, Modular Connectors
Description: 2.50mm, 3.50mm CMC Header, Right-Angle, 28 Position, 1 Port, Gray, Peg, Lead-Free

Documents:

[3D Model](#) [Packaging Specification PK-47745-001-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Datasheet \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family PCB Headers
Series [47745](#)
Application Automotive, Power, Wire-to-Board
Comments Coding: Grey
Overview [CMC and CMX Sealed, Hybrid, Modular Connectors](#)
Product Name CMC
UPC 887191162416

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 Capable 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 34.992/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° 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

China RoHS

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Compliant

RoHS Phthalates

Not Contained

Search Parts in this Series

[47745](#) Series

Mates With

[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-47745-001-001
Sales Drawing	SD-47745-100-001

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