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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

Drawing (PDF)

Packaging Specification PK-47745-001 (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 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	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° 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 -

ED/61/2018 (27 June

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

ELV

Prop65

RoHS Phthalates

Not Relevant

Compliant

Compliant

Not Contained

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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