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Part Number:

98997-1002

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 Compliant	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	12A, 2.5A, 21A
Voltage - Maximum	14V DC



image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

98997Series

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)	25
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-98997-001
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