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Part Number: [0989971002](#)
Status: **Active**
Overview: [cmc connectors](#)
Description: CMC Right Angled Header, 0.64mm (.025")/1.50mm (.059")/2.80mm (.110"), 53 Circuit

Documents:

[3D Model](#) [Product Specification PS-64321-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	98997
Application	Wire-to-Board
Overview	cmc connectors
Product Name	CMC

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
Number of Rows	4
Orientation	Right Angle
PC Tail Length (in)	0.131 In
PC Tail Length (mm)	3.35 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Carton
Pitch - Mating Interface (in)	0.025 In, 0.059 In, 0.110 In
Pitch - Mating Interface (mm)	0.64 mm, 1.50 mm, 2.80 mm
Plating min: Mating (µm)	4
Plating min: Termination (µm)	4
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +125°C
Termination Interface: Style	Solder or Weld

Electrical

Current - Maximum per Contact	12A, 2.5A, 21A
Voltage - Maximum	250V

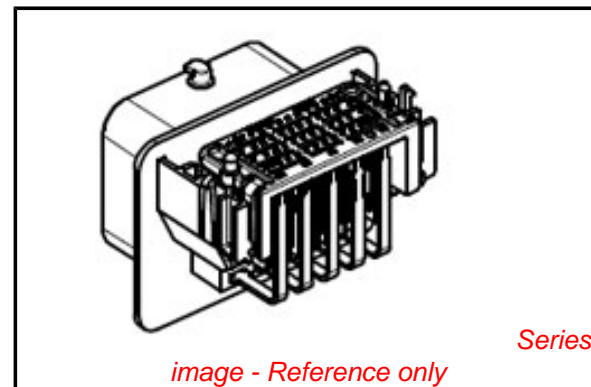


image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
 Not Reviewed
Halogen-Free
Status
 Not Reviewed

China RoHS



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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

[643211011](#) Left Wire Output, Black Coding,
 Mat Sealed. [643212011](#) Right Wire Output,
 Black Coding, Mat Sealed

Use With

[643211011](#) Left Wire Output, Black Coding,
 Mat Sealed . [643212011](#) 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**

Application Specification	AS-64321-001
Product Specification	PS-64321-001
Sales Drawing	SD-98997-001

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