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**Part Number:** **0643221039**  
**Status:** **Active**  
**Overview:** CMC and CMX Sealed, Hybrid, Modular Connectors  
**Description:** 0.635mm CMC CP Female Terminal, Tin Plated, for Square 0.6mm x 0.6mm Pins, Wire Size 0.5mm<sup>2</sup>

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-64322-001-CH (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-64322-001-FR (PDF)</a>
<a href="#">Product Specification PS-64319-002 (PDF)</a>	<a href="#">Application Specification AS-98420-001 (PDF)</a>
<a href="#">Product Specification PS-64326-001 (PDF)</a>	<a href="#">Application Specification AS-98420-001-CH (PDF)</a>
<a href="#">Application Specification AS-64318-002 (PDF)</a>	<a href="#">Application Specification AS-98420-001-FR (PDF)</a>
<a href="#">Application Specification AS-64318-002-CH (PDF)</a>	<a href="#">Application Specification AS-98420-001-SP (PDF)</a>
<a href="#">Application Specification AS-64318-002-FR (PDF)</a>	<a href="#">Application Specification AS-98420-002 (PDF)</a>
<a href="#">Application Specification AS-64318-002-SP (PDF)</a>	<a href="#">Application Specification AS-98420-002-CH (PDF)</a>
<a href="#">Application Specification AS-64319-002 (PDF)</a>	<a href="#">Application Specification AS-98420-002-FR (PDF)</a>
<a href="#">Application Specification AS-64319-002-CH (PDF)</a>	<a href="#">Application Specification AS-98420-002-SP (PDF)</a>
<a href="#">Application Specification AS-64319-002-FR (PDF)</a>	<a href="#">Packaging Specification PK-98913-001 (PDF)</a>
<a href="#">Application Specification AS-64319-002-SP (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-64322-001 (PDF)</a>	

**General**

Product Family	Crimp Terminals
Series	64322
Application	Signal
Comments	* Current tested on a 5 terminals loaded connector, current for temperature increase of 40°C. Current max = 6A for 0.635mm Terminal(0.75mm <sup>2</sup> wire)
Crimp Quality Equipment Overview	Yes
Product Name	CMC and CMX Sealed, Hybrid, Modular Connectors
UPC	CMC, CP Terminal 883906129491

**Physical**

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.150/g
Packaging Type	Reel
Plating min - Mating	1.524µm, 3.048µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.40-1.50mm
Wire Size AWG	20
Wire Size mm <sup>2</sup>	0.50

**Electrical**

Current - Maximum per Contact	6.0A
Voltage - Maximum	14V DC

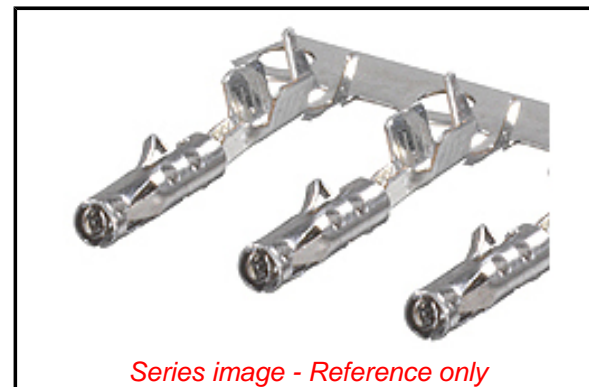
**Solder Process Data**

Lead-free Process Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-64318-002, AS-64318-002-CH, AS-64318-002-FR, AS-64318-002-SP, AS-64319-002, AS-64319-002-CH,
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Series image - Reference only

**EU ELV**  
**Compliant**

**EU RoHS**  
**Compliant**  
**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**  
**Status**

**Not Relevant**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS  
ELV

Not Relevant  
Compliant

**Search Parts in this Series**

64322 Series

**Mates With**

CMC Connector [64318](#) , [64319](#) , [64320](#) , [64321](#) , [64326](#)

**Use With**

CMC Connector [64318](#) , [64319](#) , [64320](#) , [64321](#) , [64326](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

<b>Description</b>	<b>Product #</b>
Hand Crimp Tool	<a href="#">0638119200</a>

Packaging Specification  
Product Specification  
Sales Drawing

AS-64319-002-FR, AS-64319-002-SP, AS-64322-001,  
AS-64322-001-CH, AS-64322-001-FR, AS-98420-001,  
AS-98420-001-CH, AS-98420-001-FR, AS-98420-001-  
SP, AS-98420-002, AS-98420-002-CH, AS-98420-002-  
FR, AS-98420-002-SP  
PK-98913-001  
PS-64319-002, PS-64326-001  
SD-64322-001

FineAdjust™	<u>0639021900</u>
Applicator for CP	
0.6mm Terminal	
Extraction Tool	<u>0638132400</u>

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