



Part Number : [5018280101](#)
Product Description : CMC Wire-to-Wire Connector
Male Terminal 1.5, AVSS 0.85
Series Number : 501828
Status : Active
Product Category : Crimp Terminals



Documents & Resources

Drawings

- [5018280101_sd.pdf](#)
- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

Specifications

- [AS-501820-001-001.pdf](#)
- [AS-501820-001-JP-001.pdf](#)
- [PS-64319-002-001.pdf](#)

Tooling Specifications

- [CS-501828-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Duty-To-Declare
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

[Compliance Statements](#)

- EU RoHS

- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Crimp Terminals
Series	501828
Description	CMC Wire-to-Wire Connector Male Terminal 1.5, AVSS 0.85
Application	Automotive, Power, Wire-to-Wire
Product Name	CMC
UPC	822350219402

Electrical

Current - Maximum per Contact	12.0A
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Physical

Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	353.130/mg
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm

Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.80-1.90mm (AVSS 0.85)
Wire Size (AWG)	N/A
Wire Size mm ²	1.20

Solder Process Data

Lead-Free Process Capability	N/A
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Mates With / Use With

Use with Part(s)

Description	Part Number
CMC Wire-to-Wire Plug Housing Assemblies	<u>501820</u>

Application Tooling

Global

Description	Part Number
Hand Crimp Tool for CMC Wire-to-Wire 1.50, Male Terminal, 0.75-1.00mm ²	<u>638275800</u>

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