

Part Number : [5018280111](#)
Product Description : CMC Wire-to-Wire Connector
Male Terminal 1.5, AVSS 1.25-2.0
Series Number : 501828
Status : Active
Product Category : Crimp Terminals



Documents and Resources

Drawings

[5018280111_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	Compliant with Exemption 44
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)7771-DC (04 Feb 2026)
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 1.25-2.0
Application	Automotive, Wire-to-Wire
Product Name	CMC
UPC	822350219419

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	383.970/mg
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
Termination Interface Style	Crimp or Compression
Terminal Size	1.5
Wire Insulation Diameter	2.10-2.70mm (AVSS 1.25-2.0)

Wire Size (AWG)	N/A
Wire Size mm ²	1.50-1.80

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>