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Part Number: [5018203201](#)
Status: **Active**
Overview: CMC and CMX Sealed, Hybrid, Modular Connectors
Description: CMC Wire-to-Wire Connector Plug Housing Assembly, 32 Circuits

Documents:

3D Model	Application Specification AS-500993-002-001 (PDF)
Drawing (PDF)	Application Specification AS-501820-001-001 (PDF)
3D Model (PDF)	Application Specification AS-501820-001-JP-001 (PDF)
Product Specification PS-64319-002-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Housings
Series	501820
Application	Automotive, Power, Wire-to-Wire
More Detailed Tech Information	Sealed, high-density, modular connecting system for Power Train and Body Electronics applications in cars, trucks, busses
Overview	CMC and CMX Sealed, Hybrid, Modular Connectors
Product Name	CMC
UPC	822350236027

Physical

Circuits (maximum)	32
Circuits Detail	8 x 1.5mm & 24 x 0.635mm terminals
Color - Resin	Grey
Gender	Plug
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	PBT
Net Weight	25356.000/mg
Number of Rows	4
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	2.50mm, 3.50mm, 3.70mm
Pitch - Termination Interface	2.50mm, 3.50mm, 3.70mm
Polarized to Mating Part	Yes
Ports	1
Stackable	No
Temperature Range - Operating	-40° to +100°C

Electrical

Current - Maximum per Contact	12.0A
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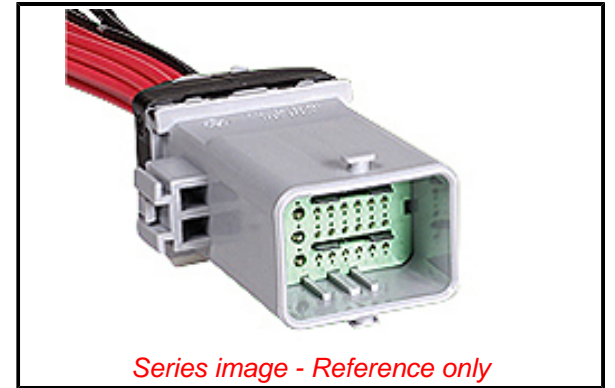
Solder Process Data

Lead-free Process Capability	N/A
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Material Info

Reference - Drawing Numbers

Application Specification	AS-500993-002-001, AS-501820-001-001, AS-501820-001-JP-001
Product Specification	PS-64319-002-001
Sales Drawing	SD-501820-001



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2020)9139-DC (19 Jan 2021)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

[501820 Series](#)

Mates With

[CMC Receptacle 643191211](#) , [643193211](#)

Use With

[CMC Male Terminals 501827 \(0.64mm\)](#), [501828 \(1.50mm\)](#) . [CMC Wire Cap 5018263201](#)

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