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

General

Product Family	Crimp Housings
Series	501820
Application	Power, Wire-to-Wire
More Detailed Tech Information	Sealed, high-density, modular connecting system for Power Train and BodyElectronics 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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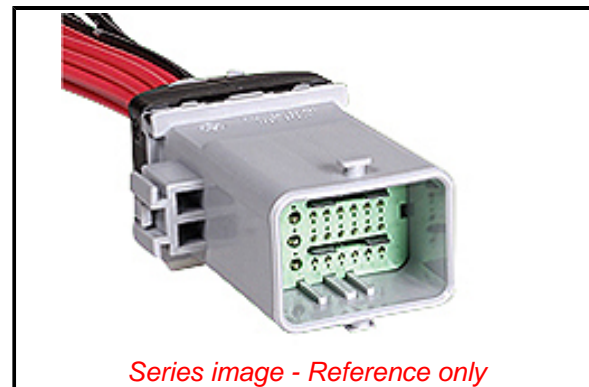
Solder Process Data

Lead-freeProcess 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 - ED/30/2017 (7 July 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

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

China ROHS	Green Image
ELV	Compliant
RoHS Phthalates	Not Reviewed

Search Parts in this Series

[501820](#) Series

Mates With

[64310-1211](#) , [64319-3211](#) , [501826-3201](#)

Use With

[501827](#) Crimp terminal, [501828](#) Crimp Terminal

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