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Part Number: [64319-3211](#)
Status: **Active**
Overview: [CMC Sealed, Hybrid, Modular Connectors and Headers](#)
Description: .635mm, 1.50mm, CMC Receptacle, 32 Circuits, Right Wire Output, Black Coding, Mat Sealed



Series
image - Reference only

- Documents:**
- | | |
|---|---|
| 3D Model | Application Specification AS-64319-002-SP (PDF) |
| Drawing (PDF) | Application Specification AS-98420-002 (PDF) |
| Product Specification PS-64319-001 (PDF) | Application Specification AS-98420-002-CH (PDF) |
| Product Specification PS-64319-002 (PDF) | Application Specification AS-98420-002-FR (PDF) |
| Application Specification AS-64319-002 (PDF) | Application Specification AS-98420-002-SP (PDF) |
| Application Specification AS-64319-002-CH (PDF) | Packaging Specification PK-64319-001 (PDF) |
| Application Specification AS-64319-002-FR (PDF) | RoHS Certificate of Compliance (PDF) |

General	
Product Family	Crimp Housings
Series	64319
Application	Power, Wire-to-Board
Application Tooling Part Link	63812-1100
Application Tooling Part Link	63824-1200
Comments	Current tested on a 5 terminals loaded connector, current for temperature increase of 40°C . Current max = 6.0A for 0.635mm Terminal (0.75mm² wire) and 12.0A for 1.50mm Terminal (2.00mm² wire)
More Detailed Tech Information	Sealed, high-density, modular connecting system for Power Train and Body Electronics applications in cars, trucks, busses
Overview	CMC Sealed, Hybrid, Modular Connectors and Headers
Product Name	CMC
UPC	883906131135

Physical	
Circuits (maximum)	32
Circuits Detail	8 x 1.5mm & 24 x 0.635mm terminals
Color - Resin	Black
Gender	Female
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	29.426/g
Number of Rows	4
Packaging Type	Carton
Panel Mount	No
Pitch - Mating Interface	2.54mm, 3.70mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +125°C

Electrical	
Current - Maximum per Contact	12A, 6A

Material Info

Reference - Drawing Numbers

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: Yes

China RoHS



Hydrazine
Dibutyl phthalate
Diarsenic pentaoxide
Diarsenic trioxide
Bis (2-ethyl(hexyl)phthalate) (DEHP)
Triethyl arsenate
Benzyl butyl phthalate
2-Pyrrolidinone, 1-methyl
2,4-Dinitrotoluene
Boric acid
Disodium tetraborate, anhydrous
Tetraboron disodium heptaoxide, hydrate
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme
4,4'-bis(dimethylamino)-4'-(methylamino)trityl
Diboron trioxide
#,#-Bis[4-(dimethylamino)phenyl]-4(phenylamino)
4,4'-bis(dimethylamino)benzophenone (Michlers ke
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (M
Formamide
Silicic acid, barium salt, lead-doped
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated

Application Specification

Packaging Specification

Product Specification

Sales Drawing

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

Heptacosafuorotetradecanoic acid
Dinoseb
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidi
Propylene oxide;
1,2-epoxypropane;
methyloxirane
Methoxy acetic acid
Furan
Henicosafuoroundecanoic acid
1,2-Diethoxyethane
Diethyl sulphate
Methylhexahydrophthalic anhydride
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)
N-methylacetamide
Pentacosafuorotridecanoic acid
Tricosafuorododecanoic acid
Trixylyl phosphate

Low-Halogen Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

64319Series

Mates With
64334-0100 32-Circuit CMC header
64333-0100 112-Circuit CMC Header
[502225-0801](#) 80-Circuit CMC Header

Use With
CMC CP Terminals [64322](#) , [64323](#). CMC Wire Cap [64319-1201](#). Sealing Plugs [64325-1010](#) , [64325-1023](#) , [64334-0100](#) , [64333-0100](#) , [5022250801](#)

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	
Description	Product #
Continuity Test Pen Assembly	0638121100

Unlocking Tool for CMC and CMX Receptacle Connector	<u>0638241200</u>
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