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Part Number:

0643203311

Status:

Active

Overview:

CMC and CMX Sealed, Hybrid, Modular Connectors

Description:

.635mm, 1.50mm, CMC Receptacle, 48 Circuits, Right Wire Output, Black Coding, Mat Sealed



Series image - Reference only

Documents:

|                                                                     |                                                                     |
|---------------------------------------------------------------------|---------------------------------------------------------------------|
| <a href="#">3D Model</a>                                            | <a href="#">Application Specification AS-98420-002-001 (PDF)</a>    |
| <a href="#">Drawing (PDF)</a>                                       | <a href="#">Application Specification AS-98420-002-CH-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                                      | <a href="#">Application Specification AS-98420-002-FR-001 (PDF)</a> |
| <a href="#">Product Specification PS-64319-001-001 (PDF)</a>        | <a href="#">Application Specification AS-98420-002-SP-001 (PDF)</a> |
| <a href="#">Application Specification AS-64319-002-001 (PDF)</a>    | <a href="#">Packaging Specification PK-64320-001-001 (PDF)</a>      |
| <a href="#">Application Specification AS-64319-002-CH-001 (PDF)</a> | <a href="#">Datasheet (PDF)</a>                                     |
| <a href="#">Application Specification AS-64319-002-FR-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>                |
| <a href="#">Application Specification AS-64319-002-SP-001 (PDF)</a> |                                                                     |

Application tooling part link

|                               |            |
|-------------------------------|------------|
| Application Tooling Part Link | 63812-1100 |
| Application Tooling Part Link | 63824-1200 |

General

|                                |                                                                                                                                                                                                 |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Family                 | Crimp Housings                                                                                                                                                                                  |
| Series                         | 64320                                                                                                                                                                                           |
| Application                    | Automotive, Power, Wire-to-Board                                                                                                                                                                |
| 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 (2.0mm² 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                            | 883906134877                                                                                                                                                                                    |

Physical

|                          |                                    |
|--------------------------|------------------------------------|
| Circuits (maximum)       | 48                                 |
| Circuits Detail          | 8 x 1.5mm & 40 x 0.635mm terminals |
| Color - Resin            | Black                              |
| Gender                   | Receptacle                         |
| Glow-Wire Capable        | No                                 |
| Keying to Mating Part    | Yes                                |
| Lock to Mating Part      | Yes                                |
| Material - Resin         | Polyester                          |
| Net Weight               | 35.680/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                                 |

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

Halogen-Free

Status

Low-Halogen

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

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Compliant     |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

64320 Series

Mates With

[5007620481](#) 48-Circuit CMC Header, [36638](#) CMC Header

Use With

CMC CP Female Terminal [64322](#) , [64323](#).  
Circuit Way Plugs [643251010](#) , [643251023](#).  
CMC Wire Cap [643201301](#). CMC 48 Circuit Header [5007620481](#) , [36638](#)

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 | <a href="#">638121100</a> |
| Unlocking Tool for CMC and   | <a href="#">638241200</a> |

|                                    |                                                                                                                                                                  |                          |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Temperature Range - Operating      | -40° to +125°C                                                                                                                                                   | CMX Receptacle Connector |
| <b>Electrical</b>                  |                                                                                                                                                                  |                          |
| Current - Maximum per Contact      | 12.0A, 2.5A                                                                                                                                                      |                          |
| <b>Solder Process Data</b>         |                                                                                                                                                                  |                          |
| Lead-freeProcess Capability        | N/A                                                                                                                                                              |                          |
| <b>Material Info</b>               |                                                                                                                                                                  |                          |
| <b>Reference - Drawing Numbers</b> |                                                                                                                                                                  |                          |
| Application Specification          | AS-64319-002-001, AS-64319-002-CH-001, AS-64319-002-FR-001, AS-64319-002-SP-001, AS-98420-002-001, AS-98420-002-CH-001, AS-98420-002-FR-001, AS-98420-002-SP-001 |                          |
| Packaging Specification            | PK-64320-001-001                                                                                                                                                 |                          |
| Product Specification              | PS-64319-001-001                                                                                                                                                 |                          |
| Sales Drawing                      | SD-64320-001-001                                                                                                                                                 |                          |

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