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**Part Number:** [64320-1318](#)  
**Status:** **Active**  
**Overview:** CMC Sealed, Hybrid, Modular Connectors and Headers  
**Description:** .635mm, 1.50mm, CMC Receptacle, 48 Circuits, Left Wire Output, Gray Coding, Mat Sealed

- Documents:**
- [3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-64319-001 \(PDF\)](#)  
[Application Specification AS-64319-002 \(PDF\)](#)  
[Application Specification AS-64319-002-CH \(PDF\)](#)  
[Application Specification AS-64319-002-FR \(PDF\)](#)  
[Application Specification AS-64319-002-SP \(PDF\)](#)

[Application Specification AS-98420-002 \(PDF\)](#)  
[Application Specification AS-98420-002-CH \(PDF\)](#)  
[Application Specification AS-98420-002-FR \(PDF\)](#)  
[Application Specification AS-98420-002-SP \(PDF\)](#)  
[Packaging Specification PK-64320-001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

| General                        |                                                                                                                                                                                                  |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Family                 | Crimp Housings                                                                                                                                                                                   |
| Series                         | <a href="#">64320</a>                                                                                                                                                                            |
| Application                    | Power, Wire-to-Board                                                                                                                                                                             |
| Application Tooling Part Link  | <a href="#">63812-1100</a>                                                                                                                                                                       |
| Application Tooling Part Link  | <a href="#">63824-1200</a>                                                                                                                                                                       |
| 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                       | <a href="#">CMC Sealed, Hybrid, Modular Connectors and Headers</a>                                                                                                                               |
| Product Name                   | CMC                                                                                                                                                                                              |
| UPC                            | 883906129804                                                                                                                                                                                     |

| Physical                      |                                    |
|-------------------------------|------------------------------------|
| Circuits (maximum)            | 48                                 |
| Circuits Detail               | 8 x 1.5mm & 40 x 0.635mm terminals |
| Color - Resin                 | Gray                               |
| Gender                        | Female                             |
| Glow-Wire Compliant           | No                                 |
| Keying to Mating Part         | Yes                                |
| Lock to Mating Part           | Yes                                |
| Material - Resin              | Polyester                          |
| Net Weight                    | 35.700/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**



image - Reference only

Series

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Low-Halogen**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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**  
[64320Series](#)

**Mates With**  
[34763-0001](#) 154 Circuit CMC Header

**Use With**  
CMC CP Female Terminal [64322](#) , [64323](#). Circuit Way Plugs [64325-1010](#) , [64325-1023](#). CMC Wire Cap, [64320-1301](#). [34763-0001](#)

**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="#">0638121100</a> |
| Unlocking Tool for CMC and   | <a href="#">0638241200</a> |

Application Specification

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

CMX Receptacle  
Connector

Packaging Specification  
Product Specification  
Sales Drawing

PK-64320-001  
PS-64319-001  
SD-64320-001

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