**Part Number :** 643191211
**Product Description :** .635mm, 1.50mm, CMC Receptacle, 32 Circuits, Left Wire Output, Black Coding, Mat Sealed
**Series Number :** 64319
**Status :** Active
**Product Category :** Connector Housings



## Documents and Resources

### Drawings

643191211_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

### Specifications

AS-64319-002-001.pdf

AS-64319-002-CH-001.pdf

AS-64319-002-FR-001.pdf

AS-64319-002-SP-001.pdf

984200002-AS-KR-000.pdf

AS-98420-002-001.pdf

AS-98420-002-CH-001.pdf

AS-98420-002-FR-001.pdf

AS-98420-002-SP-001.pdf

PK-64319-001-001.pdf

PS-64319-001-001.pdf

PS-64319-002-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Compliant |

Downloaded from Arrow.com.

| | |
|---|---|
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Compliant per 2000/53/EC |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Contains Dodecamethylcyclohexasiloxane; Decamethylcyclopentasiloxane; Octamethylcyclotetrasiloxane per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements
- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Connector Housings |
| Series | 64319 |
| Description | .635mm, 1.50mm, CMC Receptacle, 32 Circuits, Left Wire Output, Black Coding, Mat Sealed |
| Application | Automotive, 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 |

Downloaded from Arrow.com.

| | |
|---|---|
| | Terminal (0.75mm² wire) and 12.0A for 1.50mm Terminal (2.00mm² wire) |
| Component Type | Receptacle |
| More Detailed Tech Information | Sealed, high-density, modular connecting system for Power Train and Body Electronics applications in cars, trucks, busses |
| Product Name | CMC |
| UPC | 883906129736 |

**Physical**

| | |
|---|---|
| Circuits Detail | 8 x 1.5mm & 24 x 0.635mm terminals |
| Circuits (maximum) | 32 |
| Color - Resin | Black |
| Gender | Receptacle |
| Glow-Wire Capable | 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 |
| Sealed | Sealed |
| Stackable | No |
| Temperature Range - Operating | -40° to +125°C |
| Terminal Size | 0.635, 1.5 |

**Solder Process Data**

| | |
|---|---|
| Lead-Free Process Capability | N/A |

Downloaded from Arrow.com.

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| 2.50mm, 3.70mm CMC Header, Right-Angle, 32 Circuits, 1 Port, Black | 643340100 |

### Use with Part(s)

| Description | Part Number |
|---|---|
| CMC Wire Cap for 32 Circuits, CMC Receptacle Mat Sealed | 643191201 |
| CMC 0.635mm Blind Cavity Plug | 643251010 |
| CMC 1.50mm Blind Cavity Plug | 643251023 |
| 0.635mm CMC CP Female Terminals | 64322 |
| 1.50mm CMC CP Female Terminals | 64323 |

## Application Tooling

## Global

| Description | Part Number |
|---|---|
| Continuity Test Pen Assembly | 638121100 |
| Unlocking Tool for CMC and CMX Receptacle Connector | 638241200 |



Downloaded from Arrow.com.