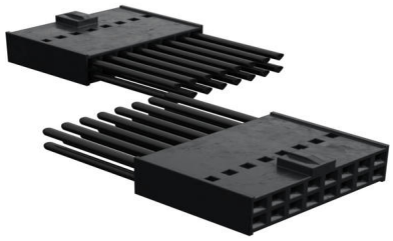
**Part Number :** 2196581162
**Product Description :** C-Grid III Female-to-C-Grid III Female Off-the-Shelf (OTS) Cable Assembly, Dual Row, 150.00mm Length, Tin (Sn) Plating, 16 Circuits, Black
**Series Number :** 219658
**Status :** Active
**Product Category :** Power and Signal Cable Assemblies



## Documents & Resources

### Drawings

2196581162_sd.pdf

STEP AP242

SOLIDWORKS

Creo

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Contains Triphenyl-phosphate per D(2025)4165-DC (25 June 2025) |
| 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

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Power and Signal Cable Assemblies |
| Series | 219658 |
| Description | C-Grid III Female-to-C-Grid III Female Off-the-Shelf (OTS) Cable Assembly, Dual Row, 150.00mm Length, Tin (Sn) Plating, 16 Circuits, Black |
| Application | Signal, Wire-to-Board |
| Assembly Configuration | Dual Ended Connectors |
| Connector to Connector | C-Grid III-to-C-Grid III |
| Product Name | C-Grid III |
| Type | Discrete Wire Assembly |
| UPC | 195842808829 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 3.0A |

### Physical

| | |
|---|---|
| Cable Length | 150.00mm |
| Circuits (Loaded) | 16 |
| Circuits (maximum) | 16 |
| Color - Resin | Black |
| Gender | Female-Female |
| Lock to Mating Part | Yes |
| Material - Metal | Phosphor Bronze |

| | |
|---|---|
| Material - Plating Mating | Tin |
| Material - Resin | PPO |
| Net Weight | 15.728/g |
| Number of Rows | 2 |
| Packaging Type | Bag |
| Pitch - Mating Interface | 2.54mm |
| Single Ended | No |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type | UL 11028 |
| Wire Size (AWG) | 22 |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| C-Grid III Right-Angle Dual Row Headers | 90122 |
| C-Grid III Dual Row Headers | 90130 |
| C-Grid III Vertical Dual Row Headers | 90131 |