



**Part Number :** 2196591123

**Product Description :** C-Grid III Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Dual Row, 300.00mm Length, Tin (Sn) Plating, 12 Circuits, Black



**Series Number :** 219659

**Status :** Active

**Product Category :** Power and Signal Cable Assemblies

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## Documents & Resources

### Drawings

[2196591123\\_sd.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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## 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(2024)6225-DC (07 Nov 2024)
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	Power and Signal Cable Assemblies
Series	219659
Description	C-Grid III Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Dual Row, 300.00mm Length, Tin (Sn) Plating, 12 Circuits, Black
Application	Signal, Wire-to-Board
Assembly Configuration	Single Ended Connector
Connector to Connector	C-Grid III-to-Pigtail
Product Name	C-Grid III
Type	Discrete Wire Assembly
UPC	195842808959

### Electrical

Current - Maximum per Contact	3.0A
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### Physical

Cable Length	300.00mm
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Gender	Female-Pigtail
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin

Material - Resin	PPO
Net Weight	17.614/g
Number of Rows	2
Packaging Type	Bag
Pitch - Mating Interface	2.54mm
Single Ended	Yes
Termination Interface Style	Crimp or Compression
Wire/Cable Type	UL 11028
Wire Size (AWG)	22

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
C-Grid III Right-Angle Dual Row Headers	<u><a href="#">90122</a></u>
C-Grid III Dual Row Headers	<u><a href="#">90130</a></u>
C-Grid III Vertical Dual Row Headers	<u><a href="#">90131</a></u>

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