



Part Number : [2196581164](#)
Product Description : C-Grid III Female-to-C-Grid III Female Off-the-Shelf (OTS) Cable Assembly, Dual Row, 600.00mm Length, Tin (Sn) Plating, 16 Circuits, Black
Series Number : 219658
Status : Active
Product Category : Power and Signal Cable Assemblies



Documents & Resources

Drawings
[Drawing 2196581164_sd.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

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

EU RoHS Certificate of Compliance

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, 600.00mm 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 Family	C-Grid III Interconnects
Product Name	C-Grid III
Type	Discrete Wire Assembly
UPC	195842808843

Electrical

Current - Maximum per Contact	3.0A
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Physical

Cable Length	600.00mm
Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Black
Gender	Female-Pigtail
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Resin	PPO
Net Weight	45.248/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 Insulation Diameter	1.02-1.47mm
Wire Size (AWG)	22

Mates With / Use With

Mates with Part(s)

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