

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [2196581164](#)  
**Status:** **Active**  
**Overview:** C-Grid III Interconnects  
**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

**Documents:**

[Drawing \(PDF\)](#)

[Datasheet \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	Cable Assemblies
Series	<a href="#">219658</a>
Application	Signal, Wire-to-Board
Assembly Configuration	Dual Ended Connectors
Connector to Connector	C-Grid III-to-C-Grid III
Overview	<a href="#">C-Grid III Interconnects</a>
Product Name	C-Grid III
Type	Discrete Wire Assembly
UPC	195842808843

**Physical**

Cable Length	600.00mm
Circuits (Loaded)	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 Insulation Diameter	1.02-1.47mm
Wire Size AWG	22
Wire/Cable Type	UL 11028

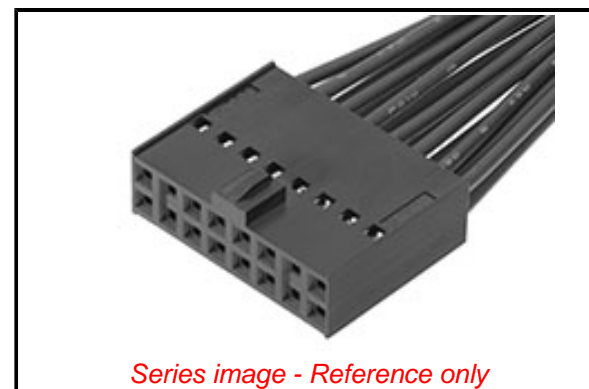
**Electrical**

Current - Maximum per Contact 3.0A

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing 2196581162-000



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)10043-DC (17  
Jan 2022)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[219658](#) Series

**Mates With**

C-Grid III Right-Angle Header [90122](#) . C-Grid III Header [90130](#) . C-Grid III Vertical Header [90131](#)