**Part Number :** 2219561123
**Product Description :** iGrid-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Dual Row, 300.00mm Length, 12 Circuits, Natural
**Series Number :** 221956
**Status :** Active
**Product Category :** Power and Signal Cable Assemblies



## Documents & Resources

### Drawings

2219561123_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 | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained 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

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Power and Signal Cable Assemblies |
| Series | 221956 |
| Description | iGrid-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Dual Row, 300.00mm Length, 12 Circuits, Natural |
| Application | Signal, Wire-to-Board |
| Assembly Configuration | Single Ended Connector |
| Connector to Connector | iGrid-to-Pigtail |
| Product Name | iGrid |
| Type | Discrete Wire Assembly |
| UPC | 196823290312 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 2.0A |
| Voltage - Maximum | 250V AC (RMS)/DC |

### Physical

| | |
|---|---|
| Cable Length | 300.00mm |
| Circuits (Loaded) | 12 |
| Circuits (maximum) | 12 |
| Color - Resin | Natural |
| Gender | Male-Pigtail |
| Lock to Mating Part | Yes |

| | |
|---|---|
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |
| Net Weight | 16.301/g |
| Number of Rows | 2 |
| Overmolded | No |
| Pitch - Mating Interface | 2.00mm |
| Single Ended | Yes |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type | UL 10002 |
| Wire Size (AWG) | 22 |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| iGrid Vertical, Dual Row, Through Hole Headers | 501645 |
| iGrid Vertical, Dual Row, Through Hole Headers | 503091 |
| iGrid Right-Angle, Dual Row, Through Hole Headers | 501876 |
| iGrid Right-Angle, Dual Row, Through Hole Headers | 208659 |