



**Part Number :** [2174911212](#)  
**Product Description :** Pre-Crimped Lead iGrid-Female-to-Pigtail, Gold (Au) Plating, 150.00mm Length, 24 AWG, Black  
**Series Number :** 217491  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies



## Documents & Resources

**Drawings**  
[Drawing 2174911212\\_sd.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                    |
| REACH SVHC         | Not Contained per D(2024)4144-DC (27 June 2024)                                       |
| 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                 | 217491                                                                                      |
| Description            | Pre-Crimped Lead iGrid-Female-to-Pigtail, Gold (Au) Plating, 150.00mm Length, 24 AWG, Black |
| Application            | Signal, Wire-to-Board                                                                       |
| Assembly Configuration | Pre-crimped Lead Only                                                                       |
| Connector to Connector | iGrid Crimp Terminals                                                                       |
| Product Family         | Off-the-Shelf Pre-Crimped Leads                                                             |
| Product Name           | iGrid                                                                                       |
| UPC                    | 195842119017                                                                                |

### Electrical

|                   |                  |
|-------------------|------------------|
| Voltage - Maximum | 250V AC (RMS)/DC |
|-------------------|------------------|

### Physical

|                                |                      |
|--------------------------------|----------------------|
| Cable Length                   | 150.00mm             |
| Circuits (Loaded)              | 1                    |
| Circuits (maximum)             | 1                    |
| Color - Resin                  | Black                |
| Gender                         | Female-Pigtail       |
| Material - Metal               | Copper Alloy         |
| Material - Plating Mating      | Gold                 |
| Material - Plating Termination | Nickel               |
| Material - Resin               | PVC                  |
| Net Weight                     | 0.415/g              |
| Number of Rows                 | 1                    |
| Packaging Type                 | Bag                  |
| Single Ended                   | Yes                  |
| Termination Interface Style    | Crimp or Compression |
| Wire/Cable Type                | UL 10002             |
| Wire Insulation Diameter       | 0.85-1.50mm          |

|                 |    |
|-----------------|----|
| Wire Size (AWG) | 22 |
|-----------------|----|