



**Part Number :** [2174912105](#)  
**Product Description :** Pre-Crimped Lead iGrid-Female-to-Pigtail, Tin (Sn) Plating, 450.00mm Length, 26 AWG, Red  
**Series Number :** 217491  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies



## Documents & Resources

**Drawings**  
[2174912105 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                 | 217491                                                                                   |
| Description            | Pre-Crimped Lead iGrid-Female-to-Pigtail, Tin (Sn) Plating, 450.00mm Length, 26 AWG, Red |
| Application            | Signal, Wire-to-Board                                                                    |
| Assembly Configuration | Pre-crimped Lead Only                                                                    |
| Connector to Connector | iGrid Crimp Terminals                                                                    |
| Product Name           | iGrid                                                                                    |
| UPC                    | 195842119147                                                                             |

**Electrical**

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

**Physical**

|                                |                |
|--------------------------------|----------------|
| Cable Length                   | 450.00mm       |
| Circuits (Loaded)              | 1              |
| Circuits (maximum)             | 1              |
| Color - Resin                  | Black          |
| Gender                         | Female-Pigtail |
| Material - Metal               | Copper Alloy   |
| Material - Plating Mating      | Tin            |
| Material - Plating Termination | Tin            |
| Material - Resin               | PVC            |

|                             |                      |
|-----------------------------|----------------------|
| Net Weight                  | 1.129/g              |
| Number of Rows              | 1                    |
| Packaging Type              | Bag                  |
| Single Ended                | Yes                  |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type             | UL 10002             |
| Wire Size (AWG)             | 26                   |