**Part Number :** 685324510
**Product Description :** In-Vehicle Single Port USB Smart Charger with Backlight, 2.4A
**Series Number :** 72610
**Status :** Active
**Product Category :** I/O Connectors



## Documents & Resources

### Drawings

685324510_sd.pdf

STEP AP242

SOLIDWORKS

Creo

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Compliant with Exemption 8(e); 10(a); 10(a); 10(a); 10(a); 10(a); 8(e); 8(e) per 2000/53/EC |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per ECHA_01_2020 (16 January 2020) |
| EU RoHS | Compliant with Exemption 7(c)-I 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 | I/O Connectors |
| Series | 72610 |
| Description | In-Vehicle Single Port USB Smart Charger with Backlight, 2.4A |
| Application | Module-to-Wire |
| Component Type | USB Charger |
| Product Name | Mini50,USB |
| Type | A |
| UPC | 191128281102 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 2.4A |
| Voltage - Maximum | 16V DC |

### Physical

| | |
|---|---|
| Circuits (Loaded) | 4 |
| Circuits (maximum) | 4 |
| Color - Resin | Black |
| Durability (mating cycles max) | 10000 |
| Lock to Mating Part | Yes |
| Material - Plating Mating | N/A |
| Material - Resin | PC+ABS |
| Net Weight | 29.659/g |

| | |
|---|---|
| Number of Rows | 1 |
| Orientation | Vertical |
| Packaging Type | Tray |
| Panel Mount | Yes |
| Pitch - Mating Interface | N/A |
| Polarized to Mating Part | Yes |
| Ports | 1 |
| Temperature Range - Operating | -40° to +85°C |
| Termination Interface Style | N/A |
| Waterproof / Dustproof | No |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Mini50 Unsealed Receptacle, Single Row, Non-Bridged, 4 Circuits, Polarization Option A, Black | 347910040 |
| Mates With | USB Type A (Front) |