

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

**Part Number:** [0685324510](#)  
**Status:** **Active**  
**Overview:** [In-Vehicle Smart Charging Modules](#)  
**Description:** [In-Vehicle Single Port USB Smart Charger with Backlight, 2.4A](#)

**Documents:**

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

**General**

Product Family	I/O Connectors
Series	<a href="#">72610</a>
Application	Module-to-Wire
Component Type	USB Charger
Overview	<a href="#">In-Vehicle Smart Charging Modules</a>
Product Name	Mini50, USB
Taxonomy	I/O Connectors
Type	A
UPC	191128281102

**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	ABS, PC
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

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	685324510-000
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*Series image - Reference only*

**EU ELV**

**Compliant with Exemption 8(e),10(a)**

**EU RoHS**

**Compliant with Exemption 7(a),7(c)-I,6(c)**

**REACH SVHC**

Not Contained Per - ECHA\_01\_2020 (16 January 2020)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS	50 Image
ELV	Compliant with Exemption 8(e),10(a)
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[72610 Series](#)

**Mates With**

USB Type A (Front)<br>Mini50 Unsealed Receptacle [347910040](#) (Rear)