

NEW PRODUCT

USB Connector

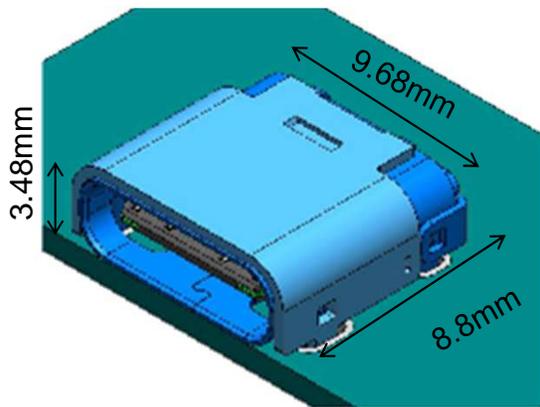
USB Type-C connector

On Board

This is for the next generation USB standard which was defined by USB Implementers Forum as a I/O connector for notePC and Ultrabook.

This connector enables supporting high speed transmission 10Gbps Max. and providing power supply 5A Max.

The greatest feature is a reversible plug orientation that enables insertion without minding up side down of the plug.



■ Target market

NotePC, TabletPC, DeskTop PC etc

■ Specifications

● Number of Circuit

24pins (12 pins x 2 rows)

■ Features

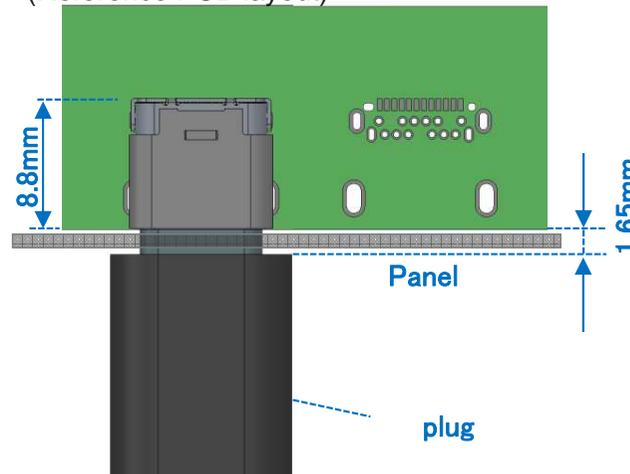
● Non-Halogen

Selecting resin with consideration of Halogen

● Easy assembly

The connector depth 8.8mm enables space saving and aligning connector and edge of PCB. This is easy assembling into the chassis.

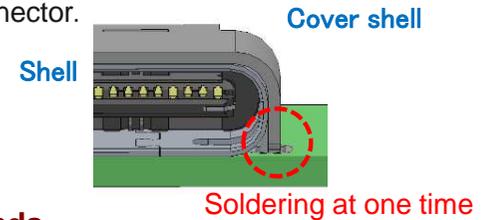
(Reference PCB layout)



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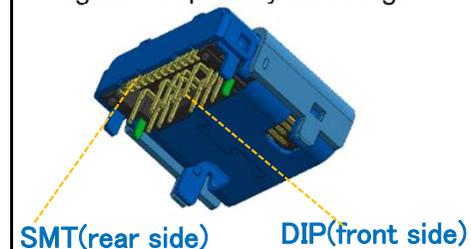
● Robust structure

Outer cover shell with soldering at one time enables the protection against scooping insertion and withdrawal connector.



● Contact leads

Contact leads are DIP type for front side and SMT type for rear side. This is excellent performance against impact by inserting.



The minimizing hole pitch(0.4mm) and two rows staggered disposition enable space saving.

We recommend the reflow soldering method, if using DIP method, please pay attention short circuits.

■ General Specification

- No of circuits : 24circuits
- Current rating :
 - 1.25A/Pin(DC) Vbus&GND&CC1&CC2 circuits
 - 0.25A/Pin(DC) Others circuits
- Voltage rating : 20V AC·DC
- Temperature : -25°C~+85°C

(including temperature range rise in applying electrical current)

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