DATASHEET SUMMARY

DEVICE : USB RECEPTACLE

FEATURES
• USB Type C receptacle
• USB 3.2 Gen 2
• 10 Gbit/s data transfer speed
• reflow solder compatible
• tape & reel packaging

- It uses USB 3.2Gen 2 as USB standard .
- The material used for contact terminals is copper alloy,for the shell and mid plate is stainless steel, and for the insulator is PA9T.
- RoHS: It is an initiative for Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

- UL 94V-0 and Flammability Test:

UL-94 is the Standard for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances. Within this standard, materials are subjected to various burning tests to see their performance in flammable conditions. Flammability UL 94 V method "evaluates both the burning and afterglow times after repeated flame application and dripping of the burning test specimen" in a vertical burning test.

To attain the UL 94V-0 standard, samples must have met the following criteria:
- Burning combustion is not sustained for more than 10 seconds after applying controlled flame.
- Total flaming combustion time for 5 samples does not exceed 50 seconds.
- None of the samples burned up to the mounting clamp by either flaming or glowing combustion.
- None of the samples dripped flaming particles that result in the ignition of the surgical cotton below them.
- Samples did not exhibit glowing combustion for more than 30 seconds after removing the second controlled flame.