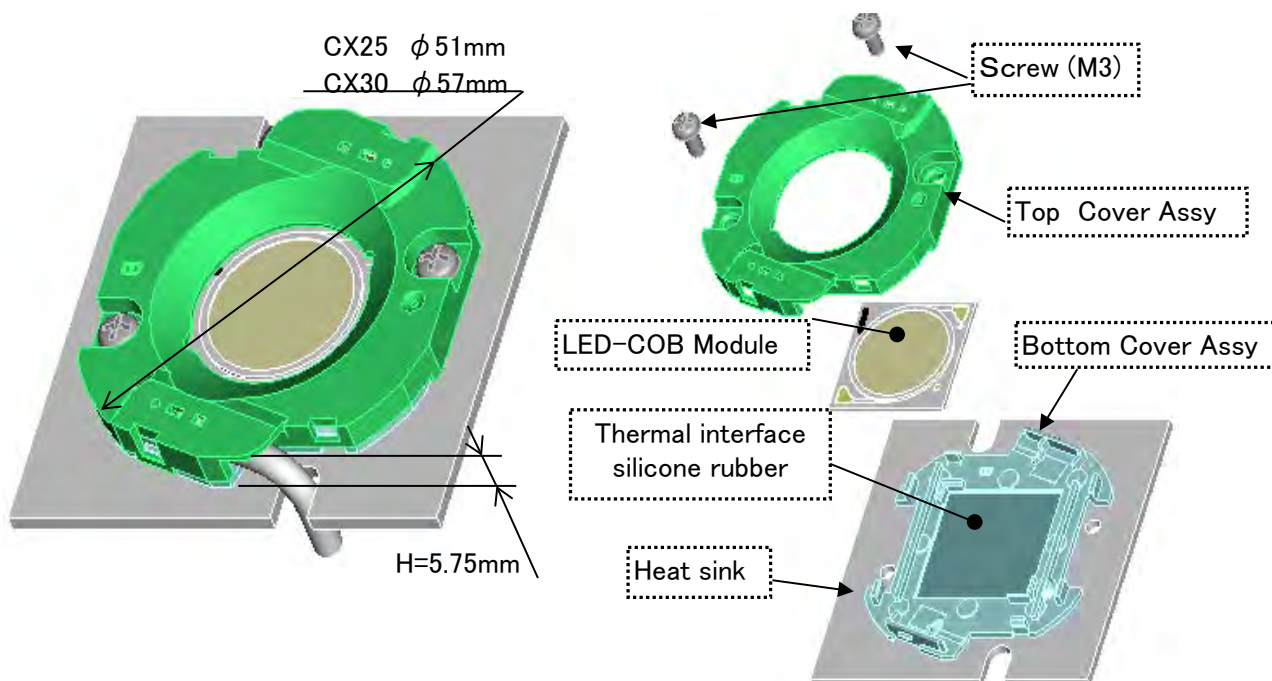


LT-12 Series Connectors for LED-COB Module (Cree, Inc.)



Outline

There are connectors for COB made by Cree, Inc.

Compliant COB : CXA2520, CXA2530, CXA2540, CXB2530, CXB2540
CXA3050, CXA3070, CXB3050, CXB3070

1. Its structure is composed of upper and bottom covers within which a COB type LED is inserted.
2. LED heat is dissipated to the heat sink by the thermal conducting sheet inserted in the bottom cover.
3. When installing the LED there is no need for preceding processes such as applying heat conduction grease or attaching an insulation sheet, helping to improve assembly workability and reliability.
4. Secures a spacious creepage distance series connection for multiple LEDs in series.
5. The power supply section uses a snap-in contact to realize easy and secure electric wire connection.
6. Complies with IEC standards and the Electrical Appliance and Material Safety Law.

Major Specification

1. Voltage and Current Rating: 2A, 250V AC/DC
2. Operating Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
3. Contact Resistance: $30\text{m}\Omega$ max., initially
4. Insulation Resistance: $1,000\text{M}\Omega$ min. at 500V DC
5. Withstanding Voltage: 500V AC/DC (for one minute).
6. Breakdown voltage: 6kV (Creepage distance of 5.5mm min.)
[reference value]
7. Applicable electric wire: AWG18 to 22 solid wire or soldered standard wire.
(Jacket diameter: $\phi 3.7\text{mm}$ max.)

⚠ Caution

- Specification is subject to change without prior notice for improving performance of the product and so on.
- Dimension and specification described herein are limited to major items. When applying the products, please confirm details the drawing and spec sheets which will be provided upon request.
- Every product carried here is compliant to RoHS requirements. For detail, please refer to our sales representative.

SMK CORPORATION

<http://www.smk.co.jp/>

No.5-5, Togoshi 6-chome, Shinagawa-ku, Tokyo 142-8511, Japan TEL : 03-3785-1111

CS Division, Sales Dept. TEL : +81-3-3785-1176