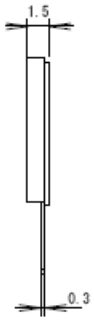
Card DECO LED[tm]

LOW PROFILE SPOT LIGHT (THUMB LIGHT)

Description

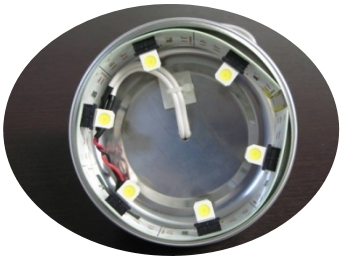
Extra thin profile 1.5 mm thick Card DECO LED 7 mm (¼") Spot light mounts in straight and right angle sockets on flat or flexible circuit board. 1 W performance with no additional heat sink. Available in



Cool White (9000 Kelvin)・Day White (6000 Kelvin)・Warm White (2800 Kelvin).

Application - Card Deco flexible strip

360 Outward



Ring light up/down

S-curve

Edge

Helmet

Yokohama Electron Application Note

Flexible and easy to mount to any surface Card LED 40 to 55 lumen per miniature spot light strips put the light where you need it. Offered in continuous strip with miniature spot light components every 2 inches on center.

Applications

Architectural lighting where linear, round, and curved light distribution required.

Low profile distributed lighting element strip.

Low profile Industrial lighting component.

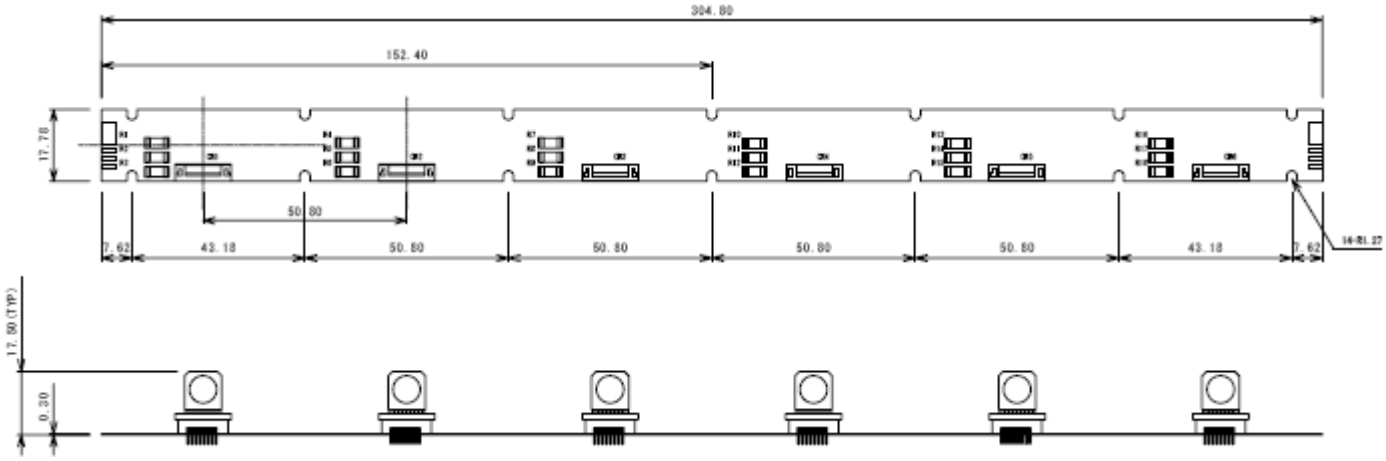
Socketed lighting component may be changed by end user.

Dimensions & Specifications Card LED component

Size: 9.8 wide by 15 long by 1.5 mm (.385 x .590 x .059" thick). Made with 24 mil", 28 mil", 40 mil" (371 micron, 505 micron, 1000 micron) chip size. High tech., high thermal conductivity copper alloy DECO substrate construction. Power rating: 300mW to 1.0 +W without additional heat sink. Card DECO LED plugs into locking JST straight or right angle 8 circuit socket connector with 1mm pitch.

Dimensions and Specifications Card LED Strip

Strip segment size: 17.8 wide by 304.8 mm (.70 x ~12.0") long. Segments may be jointed at factory to make meters of continuously driven length.



Performance

240 – 330 lumens of white light per lineal foot (30 cm). 120 degree viewing angle.

Availability

3200 K warm white and 9000K cool white

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