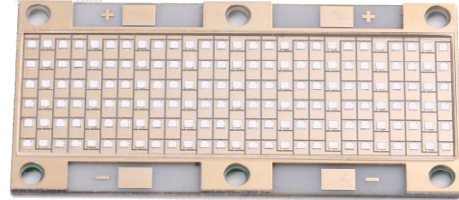


COB 5628

Introduction

COB 5628 series are a kind of high radiation power UVLED with 162 pcs 45 mil chips, using 1mm thick ALN substrate. The peak wavelength ranges from 365nm to 410nm.



Characteristics

Absolute Maximum Ratings

Parameter	Rating
Maximum DC Forward Current	9A
LED Junction Temperature	130°C
Operating Temperature	-30°C~85°C
Storage Temperature	-40°C~100°C

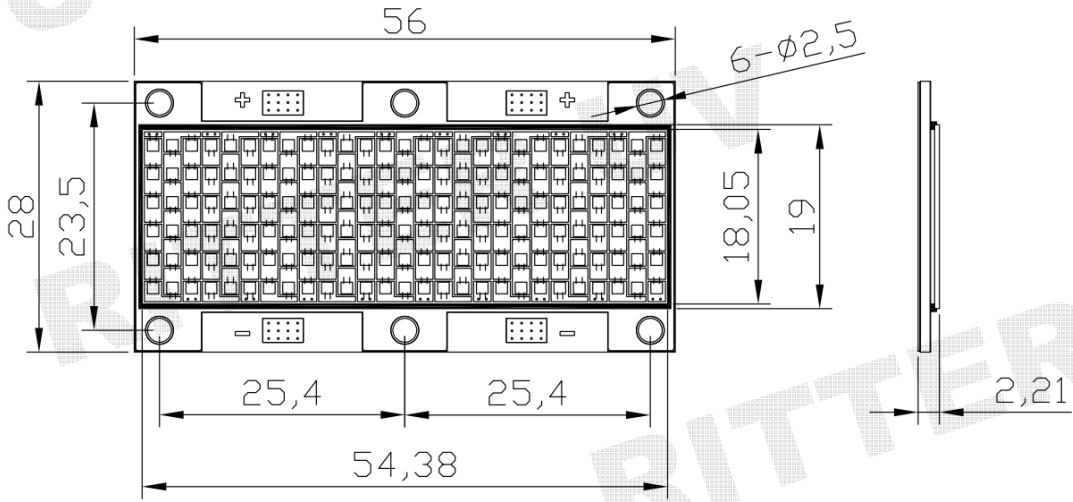
General Characteristics

Parameter	Rating
Dimensions	56mm*28mm*2.21mm
Chip Connection Arrangement	18S9P
Emitting Area Size	54.38mm*18.05mm
Typical Peak Wavelength	365nm~410nm
Typical Input Current	6.3A
Typical Input Voltage	56V~67V
Typical Peak Irradiance (@6.3A)	25w/cm ²
Connector type	conductive terminal

Note :

Irradiance is measured at a distance of 1mm.

Dimensions



Top view

Side view

Notes :

1. Drawings are not to scale
2. All dimensions are in millimeter
3. Dimensions are ±0.10mm unless otherwise indicated

Electrical Connector

