

Power LED Modules 9x 1W White and Warm White

Description:

- Green light source, fast response
- Long life
- Easy installation

Features:

- Available in white and warm white
- High Lumen Output
- Big Emitting Angle
- Superior ESD Protection
- Superior UV Resistance
- Can be equipped with lens: 55-2622

Applications

- Small space lighting
- Mechanical equipment lights



Device selection guide

Order code	MPN	Colour	Wavelength (Typ.)	Condition	Overall Luminous Flux (Typ)
55-2612	MPN: OSPR9X02-W4XZE1E1E	White	6500K	If=700mA	900 lm
55-2618	MPN: OSPR9X02-M7XZE1E1E	Warm White	4000K	If=700mA	810 lm

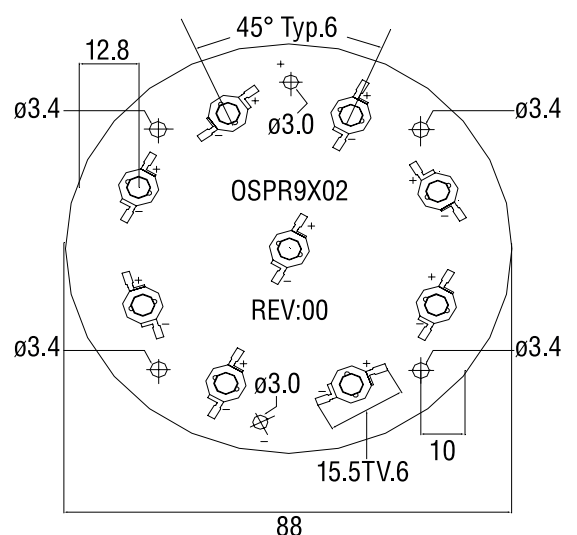
Absolute maximum rating (Ta=25°C)

Item	Symbol	Value	Unit
Operating supply range (DC)	V _{idc}	12	V
Input Current (DC)	I _i	1.5	A
Power dissipation	P _a	27	W
Operating temperature	T _{opr}	-10~+40	°C
Storage Temperature	T _{stg}	-20~+80	°C

Electrical - Optical characteristics (Ta=25°C)

Item	Symbol	Min.	Typ.	Max.	Unit
LED Module Power	P _m	—	10.5	14.4	W
Input Voltage(DC)	V _i (B, W, G)	—	10	12	V
Product Input Current	I _f	—	1.05	1.2	A
Beam Pattern	BP	—	120	—	Deg.
PCB Diameter	L _{mod.}	—	88	—	mm
Number of LEDs	Qty.	—	9	—	Pcs
Net Weight	Wei.	---	40	---	g

Outline dimensions:



Unit: mm
Tolerance: ±0.3mm