

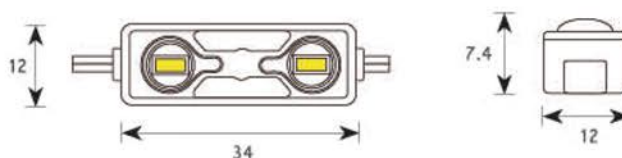
MINI LED MODULE GOQ 2xLED

5252SMD 0.48W BLUE

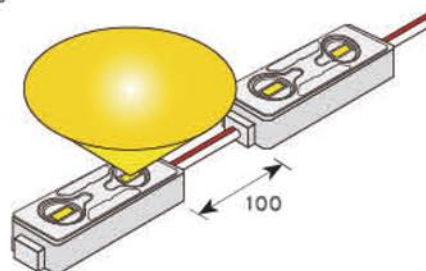


0.48W

IP68



Viewing Angle
150°



unit : mm

PARAMETERS

Product No.:	GOQ MINI LED (BLUE)	Module Pitch:	100 mm
LED Dimension:	5252 type (5.2 x 5.2 x 1.8mm)	Size:	34 x 11.6 x 8.5 mm
Power Consumption:	0.48 Watt	Weight:	3.8 g
Input Voltage:	12 V DC	Max. in Series:	50 EA
Input Current:	40 mA	Operating Temp:	- 30 ~ 85 °C
View Angle:	150°	Storage Temp:	- 40 ~ 100 °C
Luminous Intensity:	5 lm (Typ.)	Waterproof:	IP 68
CRI:	80	Cable:	UL, 20AWG 300V/80 °C



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Absolute Maximum Ratings

(Ta=25°C)

Item	Symbol	Absolute Maximum Rating	Unit
Forward Current	I_F	60	mA
Pulse Forward Current *1)	I_{FP}	180	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	128	mW
Operating Temperature	T_{opr}	-30~+85	°C
Storage Temperature	T_{stg}	-40~+100	°C

*1) I_{FP} conditions : Pulse with $t_w \leq 0.1ms$, Duty ratio $\leq 1/10$

※ These values are based on 3 die performance

Electro-Optical Characteristics

(Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	VF1	$I_F=40mA$	3.0		3.2	V
	VF2	$I_F=10\mu A$	1.5		2.0	
Luminous intensity	I_V	$I_F=40mA$	400		600	Mcd
Color Temperature	WD	$I_F=40mA$	450		454	nm
Reverse Voltage (1-die)	I_R	$V_R=5V$			10	μA
Half Angle	$\theta_{\frac{1}{2}}$	$I_F=40mA$		± 60		Deg

Viewing Radiation Characteristics

