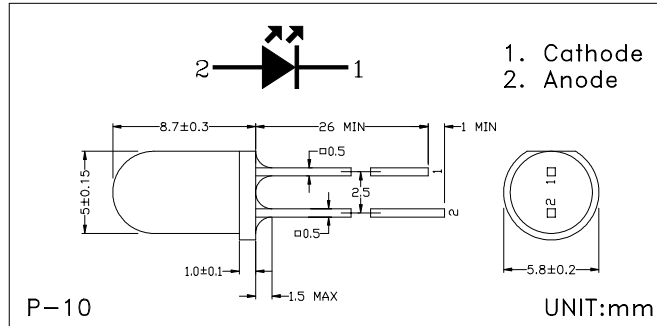


Module No.: W05310WSC-ES

Features:

Ø5mm
 WHITE
 Water Clear
 Super Bright
 PIN=26mm
 GaInN/SiC

Dimensions



Absolute Maximum Ratings

(Ta=25°C)

Descriptions	Symbol	Value	Unit
Continuous Forward Current	IF	25	mA
Peak Forward Current *1	IFM	35	mA
Reverse Voltage	VR	5	V
Operating Temperature	Topr	-20 ~ +70	°C
Storage Temperature	Tstg	-30 ~ +80	°C
Soldering Temperature *2	Tsol	240	°C

*1 Duty ratio = 1/10, Pulse width = 0.1ms.

*2 At the position of 2mm from the bottom face of resin package within 5 sec.

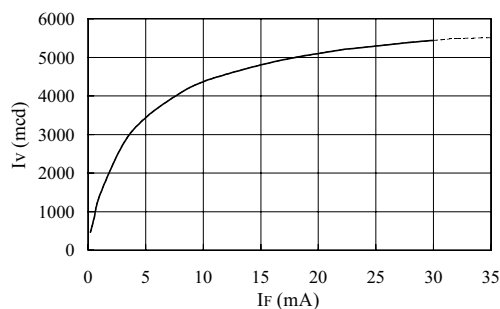
Electro-optical Characteristics

(Ta=25°C)

Descriptions	Symbol	Conditions	Min.	Typ.	Max.	Unit
Forward Voltage	VF1	IF=100μA	2.2			V
	VF2	IF=20mA		3.6	4.0	V
Luminous Intensity *3	IV	IF=20mA	2500	5100		mcd
1st Peak Emission Wavelength	λP1	IF=20mA		470		nm
2nd Peak Emission Wavelength	λP2	IF=20mA		585		nm
Spectrum Radiation Bandwidth	λ	IF=20mA	420 ~ 690			nm
Half Power Beam Angle	Δθ			±15		deg.
Terminal Capacitance	Ct			300		pF
Response Frequency	fc			5		MHz

*3 Tolerance: ± 30%

Luminous Intensity vs
Forward Current



Radiation Diagram

