

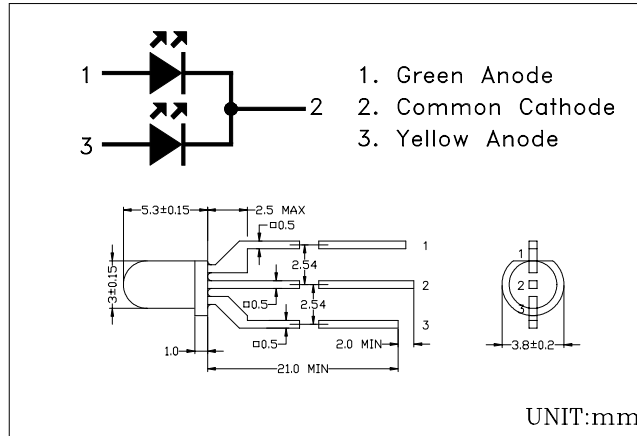
LED – Light Emitting Diode

Module No.: W03327GYSC-O

Features:

Ø3mm
 Dual Color
 GREEN + YELLOW
 Water Clear
 Super Bright
 PIN=26mm

Dimensions



Absolute Maximum Ratings

(Ta=25°C)

Descriptions	Symbol	Value	Unit
Continuous Forward Current	IF	30	mA
Peak Forward Current *1	IFM	35	mA
Reverse Voltage	VR	5	V
Operating Temperature	Topr	-25 ~ +65	°C
Storage Temperature	Tstg	-25 ~ +85	°C
Soldering Temperature *2	Tsol	260	°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.

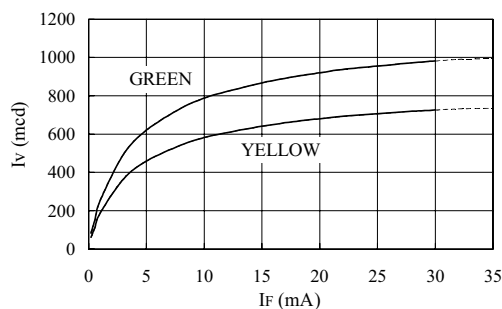
Electro-optical Characteristics

(Ta=25°C)

Descriptions	Symbol	Conditions	Min.	Typ.	Max.	Unit
Green	VF1	IF=10μA	1.6	1.65		V
		IF=20mA		2.2	2.8	V
	IV	IF=20mA	650	920		mcd
	λp	IF=20mA		569		nm
	Δλ	IF=20mA		30		nm
Yellow	VF1	IF=10μA	1.3			V
		IF=20mA		2.1	2.8	V
	IV	IF=20mA	450	680		mcd
	λp	IF=20mA		585		nm
	Δλ	IF=20mA		15	20	nm
Both	Δθ			±20		deg.
	Ct			25		pF
	fc			8		MHz

*3 Tolerance: ± 30%

Luminous Intensity vs
Forward Current



Radiation Diagram

