

■Features

- High Power Chip LEDs
- 3.5x2.8x1.9mm Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Water Clear Type

■Applications

- General Purpose Indicators
- Small Area Illuminations
- Back Lighting

■Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I_F	20	mA
Pulse Forward Current*	I_{FP}	70	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	110	mW
Operating Temperature	T_{opr}	-30 ~ +80	°C
Storage Temperature	T_{stg}	-30 ~ +100	°C
Lead Soldering Temperature	T_{sol}	260°C/3sec	-

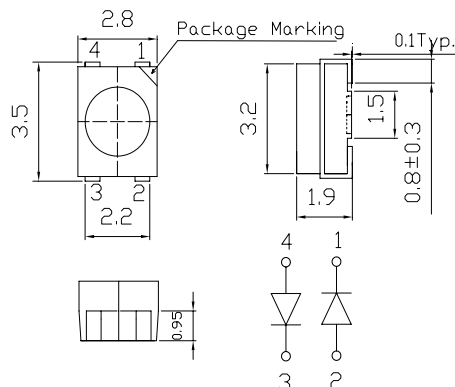
*Pulse width Max.10ms Duty ratio max 1/10

■Electrical -Optical Characteristics

(Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	$V_F(R)$	$I_F=20mA$	1.8	2.0	2.4	V
	$V_F(G)$	$I_F=20mA$	1.8	2.0	2.4	V
DC Reverse Current	I_R	$V_R=5V$	-	-	10	μA
Domi. Wavelength	$\lambda_D(Red)$	$I_F=20mA$	620	625	630	nm
Luminous Intensity	$\lambda_D(Green)$	$I_F=20mA$	565	570	575	nm
	$I_v(Red)$	$I_F=20mA$	150	200	250	mcd
	$I_v(Green)$	$I_F=20mA$	100	150	220	mcd

■Outline Dimension



■Directivity

