

■ Features

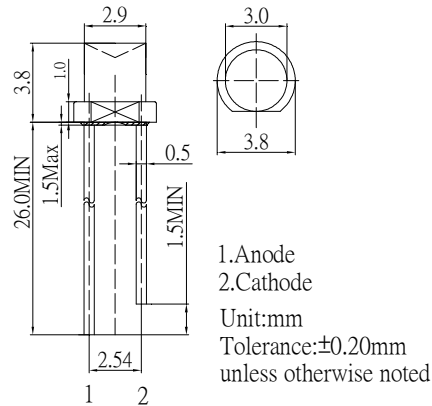
- High Luminous LEDs
- 3mm Concave Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Water Clear Type/ Color Transparent Type

● Stanley: 3365S Series

■ Applications

- Electronic Signs And Signals
- Small Area Illuminations
- Back Lighting
- Other Lighting

■ Outline Dimension



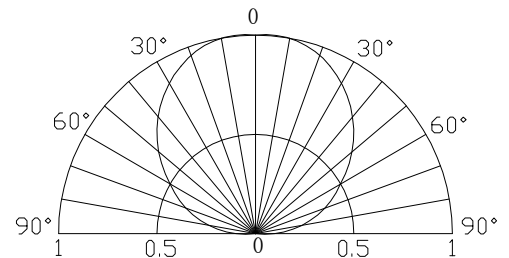
■ Absolute Maximum Rating

($T_a=25^\circ\text{C}$)

Item	Symbol	Value	Unit
		YG/Y/O/R	
DC Forward Current	I_F	30	mA
Pulse Forward Current*	I_{FP}	100	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	78	mW
Operating Temperature	T_{opr}	-30 ~ +85	$^\circ\text{C}$
Storage Temperature	T_{stg}	-40 ~ +100	$^\circ\text{C}$
Lead Soldering Temperature	T_{sol}	260 $^\circ\text{C}/5\text{sec}$	-













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

■ Directivity



■ Electrical -Optical Characteristics

($T_a=25^\circ\text{C}$)

Part Number	Color			V_F (V)			I_R (μA)	I_V (mcd)			W_d (nm)*			$2\theta_{1/2}$ (deg)
				Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
				$I_F=20\text{mA}$			$V_R=5\text{V}$	$I_F=20\text{mA}$						
OSG8NU33C1A	Yellow Green	YG		1.8	2.1	2.6	10	30	45	-	565	570	575	120
OSY5LU33C1A	Yellow	Y		1.8	2.1	2.6	10	68	100	-	585	590	595	120
OSY5JA33C1A	Yellow	Y		1.8	2.1	2.6	10	100	150	-	585	590	595	120
OSO5JA33C1A	Orange	O		1.8	2.1	2.6	10	150	220	-	600	605	610	120
OSR5JA33C1A	Red	R		1.8	2.1	2.6	10	100	150	-	620	625	630	120
OSR6LU33C1A	Red	R		1.8	2.1	2.6	10	45	68	-	630	640	650	120
OSG8NU33C3A	Yellow Green	YG		1.8	2.1	2.6	10	30	45	-	565	570	575	120
OSY5LU33C3A	Yellow	Y		1.8	2.1	2.6	10	68	100	-	585	590	595	120
OSY5JA33C3A	Yellow	Y		1.8	2.1	2.6	10	100	150	-	585	590	595	120
OSO5JA33C3A	Orange	O		1.8	2.1	2.6	10	150	220	-	600	605	610	120
OSR5JA33C3A	Red	R		1.8	2.1	2.6	10	100	150	-	620	625	630	120
OSR6LU33C3A	Red	R		1.8	2.1	2.6	10	45	68	-	630	640	650	120

*1 Tolerance of measurements of chromaticity coordinate is $\pm 10\%$

*2 Tolerance of measurements of dominant wavelength is $\pm 1\text{nm}$

*3 Tolerance of measurements of luminous intensity is $\pm 15\%$

*4 Tolerance of measurements of forward voltage is $\pm 0.1\text{V}$