

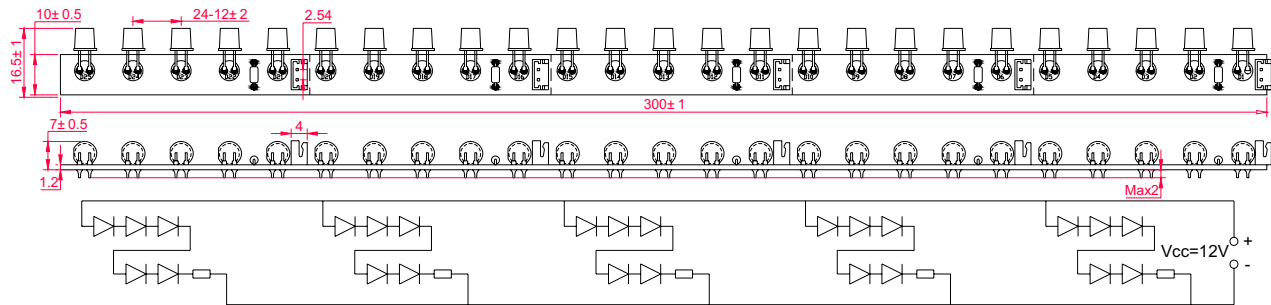


STR1-25Y

● Features:

1. Emitted color :Yellow (Amber)
2. Lens Appearance : Water Clear
- 3.for indoor and outdoor application.
4. Low power consumption.
5. Water and dust proof.

● Package dimensions



Notes:

1. All dimensions are in millimeters.
2. Tolerance is $\pm 0.3\text{mm}$ unless otherwise specified.
3. Lead spacing is measured where the leads emerge from the package.
4. Specifications are subject to change without notice.



● Absolute maximum ratings($T_a=25^\circ\text{C}$)

Parameter	Symbol	Rating	Unit
Power Dissipation	P_d	2	W
Vcc	V_{CC}	13	V
Peak Forward Current ^{*1}	I_{FP}	300	mA
Reverse Voltage	V_R	10	V
Operating Temperature	T_{opr}	$-25^\circ\text{C} \sim 60^\circ\text{C}$	
Storage Temperature	T_{stg}	$-30^\circ\text{C} \sim 85^\circ\text{C}$	

^{*1} Condition for I_{FP} is pulse of 1/10 duty and 0.1msec width.

● Electrical and optical characteristics(Ta=25℃)

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Current	I_F	$V_{CC}=12V$	80.....		160	mA
Luminous Flux		$V_{CC}=12V$	17000.....		25000	mlm
Reverse Current	I_R	$V_R=10V$	-	-	500	μA
Peak Wavelength	λ_p	$V_{CC}=12V$	-	592	-	nm
Dominant Wavelength	λ_d	$V_{CC}=12V$	585.....		595	nm
Spectral Line Half-width	$\Delta \lambda$	$V_{CC}=12V$	-	15	-	nm
Viewing Angle	$\theta_{1/2}$	$V_{CC}=12V$	80.....		100	deg