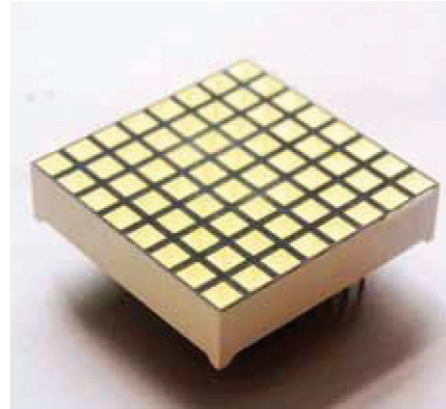


## Features:

- 1.25 inch sixty-four dot matrix
- Long lifetime operation
- IC compatible
- Low power dissipation

## Applications

- Counting device
- Clock



## Absolute maximum rating (Ta=25°C)

Item	Symbol	Value	Unit
DC forward current	$I_F$	20	mA
Pulse forward current*	$I_{FP}$	100	mA
Reverse voltage	$V_R$	5	V
Power dissipation	$P_t$	50	mW
Operating temperature	$T_{opr}$	-30 to +70	°C
Storage temperature	$T_{stg}$	-40 to +85	°C
Lead soldering temperature (1.6mm from seating plane)	$T_{sol}$	260°C/5sec	°C

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

## Electrical - Optical characteristics (Ta=25°C)

Order code	MPN	Colour		$V_F$ (V)			$I_R$ ( $\mu$ A)	$I_V$ (mcd)			$\lambda_D$ (nm)		
				Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.
				$I_F=20\text{mA}$			$V_R=5\text{V}$	$I_F=20\text{mA}$					
55-9096	OSL641253-AW	White	W	2.8	3.1	3.6	20	100	150	-	X:0.28, Y:0.29		
55-9097	OSL641253-AB	Blue	B	2.8	3.1	3.6	20	50	70	-	460	470	475
55-9098	OSL641253-AR	Red	R	1.8	2.1	2.6	20	20	30	-	620	630	640

## Package dimensions and pin function:

Note:

1. Unit: mm (Tolerance:  $\pm 0.25$ mm unless otherwise noted)
2. The slope angle of any PIN may be  $\pm 5.0^\circ$  max.

