OptoSupply
Light It Up

1.54 Inch Thirty-five Dot Matrix
OSK351541-XX

■ Features

- 1.54 Inch Thirty-five Digit Display
- Long lifetime operation
- IC compatible
- Low power dissipation
- Grey Surface

■ Applications

- Counting device
- Clock

■ Absolute Maximum Rating (Ta=25℃)

Item	Symbol	Value		Unit
		YG/Y/R	B/G	
DC Forward Current	I_F	25	25	mA
Pulse Forward Current#	I_{FP}	100	100	mA
Reverse Voltage	V_R	5	5	V
Power Dissipation	P_t	62.5	90	mW
Operating Temperature	Topr	-30 ~ +70		℃
Storage Temperature	Tstg	-40~ +85		℃
Lead Soldering Temperature(1.6mm from seating plane)	Tsol	260℃/5sec		℃

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

■ Electrical -Optical Characteristics (Ta=25℃)

Part Number	Color			V_F (V)*			I_R(μA)	Iv(mcd)*			λD(nm)*		
				Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.
				I_F=20mA			V_R=5V	I_F=20mA					
OSK351541-AB(BB)	Blue	B		-	3.3	3.6	20	-	50	-	-	470	-
OSK351541-AG(BG)	Pure Green	G		-	3.3	3.6	20	-	200	-	-	525	-
OSK351541-AYG(BYG)	Yellow Green	YG		-	2.2	2.6	20	-	12	-	-	571	-
OSK351541-AY(BY)	Yellow	Y		-	2.1	2.5	20	-	60	-	-	590	-
OSK351541-AR(BR)	Red	R		-	2.1	2.5	20	-	20	-	-	630	-
OSK351541-ARA(BRA)	High Luminance Red	RA		-	2.1	2.5	20	-	100	-	-	625	-

*1 Tolerance of measurements of dominant wavelength is ±1nm
*2 Tolerance of measurements of luminous intensity is ±15%
*3 Tolerance of measurements of forward voltage is±0.1V

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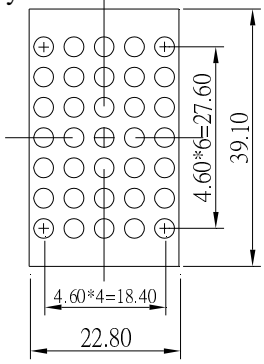
■ Package Dimensions and Pin Function

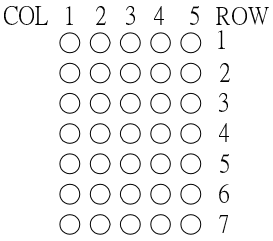
OSK351541-AX

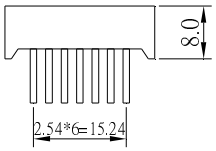
Note:

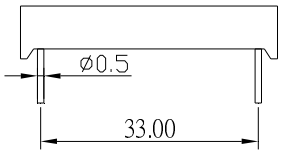
1,Unit : mm(Tolerance:±0.25mm unless otherwise noted)

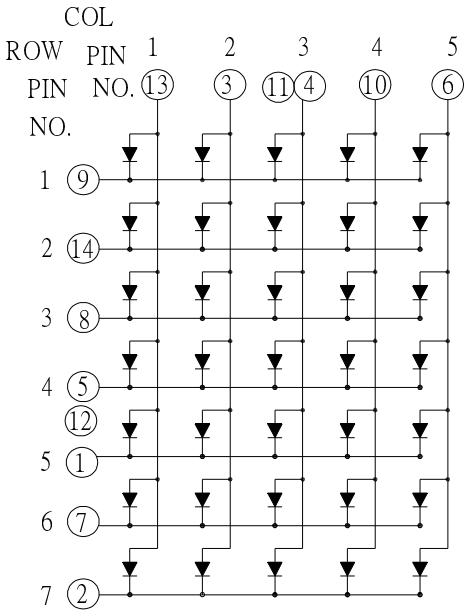
2, The slope angle of any PIN may be±5.0°Max











OSK351541-BX

Note:

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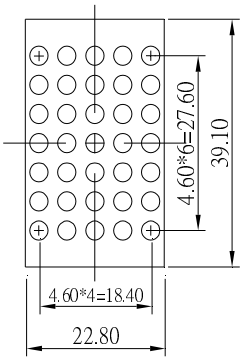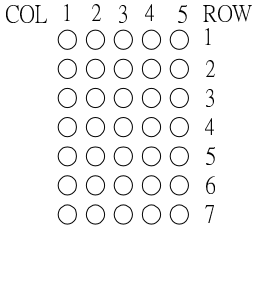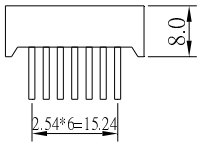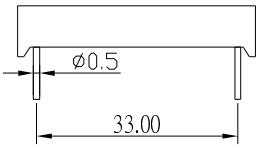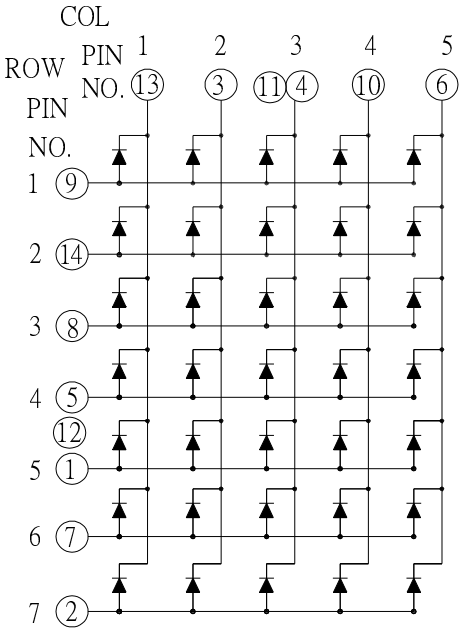
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