

# 5 Dot \* 7 Dot LED DOT MATRIX

MODEL : SSD-D5338SLN

Seoul Semiconductor Co., Ltd.

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# 1. 특성 (FEATURES)

COLOR	RED
DOT SIZE (mm)	5.0
DOT PITCH (mm)	7.62
NUMBER OF DOT	35 (5*7)
DIMENSION (mm)	37.9*53.2
WEIGHT (g)	-

# 2. 전기적 특성(ELECTRICAL SPECIFICATION)

(Ta=25°C)

Parameter	Symbol	Red	-	-	Unit
Power dissipation *	P <sub>D</sub>	1.17	-	-	W
Foward current	I <sub>F</sub>	30	-	-	mA
Peak foward current **	I <sub>FP</sub>	140	-	-	mA
Reverse voltage	V <sub>R</sub>	5			V
Operating temperature	Topr	-25 ~ +80			°C
Storage temperature	Tstg	-40 ~ +100			°C

\* conditions: I<sub>F</sub> = 140mA, duty = 1/10

\*\* conditions: I<sub>FP</sub> = Pulse width Tw ≤ 0.1ms, Duty ratio ≤ 1/10

# 3. 광학적 특성(OPTICAL SPECIFICATION)

- 일반오차(GENERAL ALLOWANCE) : ±15%

(Ta=25°C)

Parameter	Condition	Symbol	Red			-			-			Unit
			Min	Typ	Max	-	-	-	-	-	-	
Luminous Intensity	I <sub>F</sub> =20mA	I <sub>V</sub>	7	10	14	-	-	-	-	-	-	mcd
FORWARD Voltage	I <sub>F</sub> =20mA	V <sub>F</sub>	-	2.0	2.4	-	-	-	-	-	-	V
Reverse current	V <sub>R</sub> =5V	I <sub>R</sub>	-	-	10	-	-	-	-	-	-	μA
Wavelength	I <sub>F</sub> =20mA	λ <sub>D</sub>	-	617	-	-	-	-	-	-	-	nm
Spectral half-power bandwidth	I <sub>F</sub> =20mA	Δλ	-	35	-	-	-	-	-	-	-	nm
VIEWING ANGLE	I =20mA	2θ 1/2	-	45	-	-	-	-	-	-	-	DEG



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제품명

SSD-D5338SLN

발행일

04.04.28

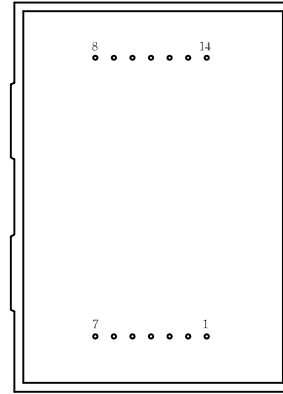
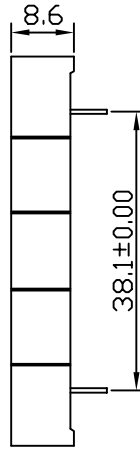
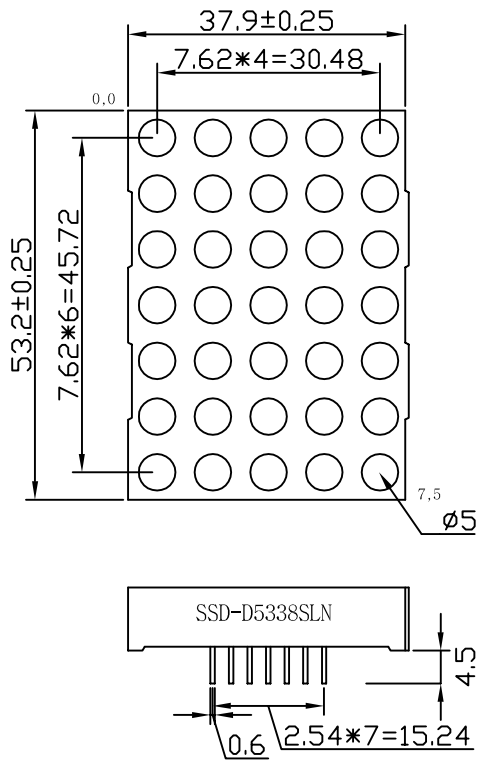
REV

1

SHEETS

1/2

## 4. 외관 (Demension)

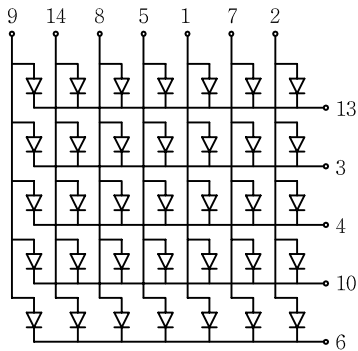


SSD-D5338SL (COMMON ANODE)  
SSD-D5338SL (COMMON CATHODE)

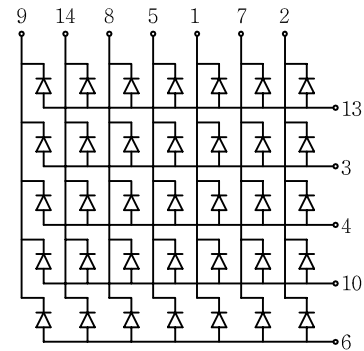
Unit (mm)

## 5. 회로도 (Circuits)

SSD-D5338SL (COMMON ANODE)



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SHEETS

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