

www.DataSheet4U.com D3232SL-88  
LED DOT MATRIX

MODEL : SSD-D3232SL-88

Seoul Semiconductor Co., Ltd.

148-29, Kasan-Dong, KeumChun-Ku, Seoul, Korea  
TEL : 82-2-3281-6269 FAX: 82-2-858-5537  
Web-site : [www.seoul-semicon.co.kr](http://www.seoul-semicon.co.kr)

# 1. 특성 (FEATURES)

COLOR	RED
DOT SIZE (mm)	3
DOT PITCH (mm)	4
NUMBER OF DOT	64 (8*8)
DIMENSION (mm)	32mm * 32mm
WEIGHT (g)	9g±1

# 2. 전기적 특성(ELECTRICAL SPECIFICATION)

www.DataSheet4U.com

(Ta=25°C)

Parameter	Symbol	RATING	Unit
Power dissipation *1	P <sub>D</sub>	6.65	W
Foward current	I <sub>F</sub>	30	mA
Peak foward current *2	I <sub>FP</sub>	130	mA
Reverse voltage	V <sub>R</sub>	MIN 5	V
Operating temperature	Topr	-10 ~ +60	°C
Storage temperature	Tstg	-20 ~ +70	°C

\*1 Under Full capacity figure (DUTY 1/10, I<sub>FP</sub> = 130mA)

\*2 I<sub>FP</sub> conditions: Pulse width Tw≤0.1ms, Duty ratio≤1/10 where the lighting ratio is 50% max.

# 3. 광학적 특성(OPTICAL SPECIFICATION)

(Ta=25°C)

ITEM	CONDITION	SYMBOL	MIN.	TYP.	MAX.	UNIT
FORWARD VOLTAGE	IF = 20mA	V <sub>F</sub>	-	1.82	2.0	V
LUMINANCE **	IF = 20mA	I <sub>v</sub>	29	32	35.8	mcd
DOMINATED ** WAVELENGTH	IF = 20mA	λ <sub>D</sub>	-	640	-	nm
SPECTRUM WIDTH OF HALF VALUE	IF = 20mA	Δλ	-	20	-	nm
VIEWING ANGLE	HORIZONTAL VERTICAL	2θ 1/2	- -	45 45	- -	DEG



SEOUL Semiconductor

제품명

발행일

REV

SSD-D3232SL-88

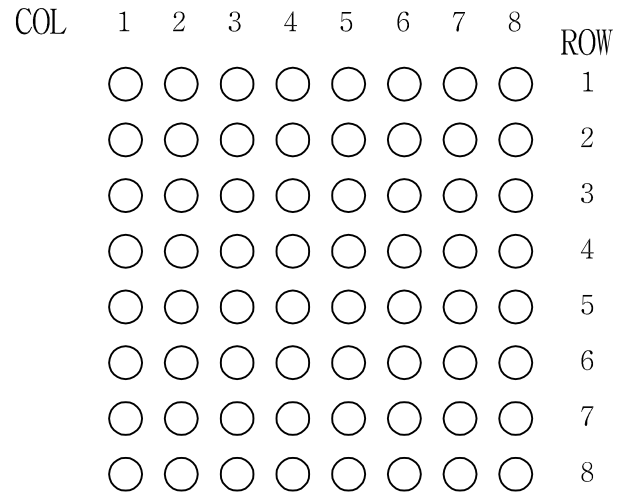
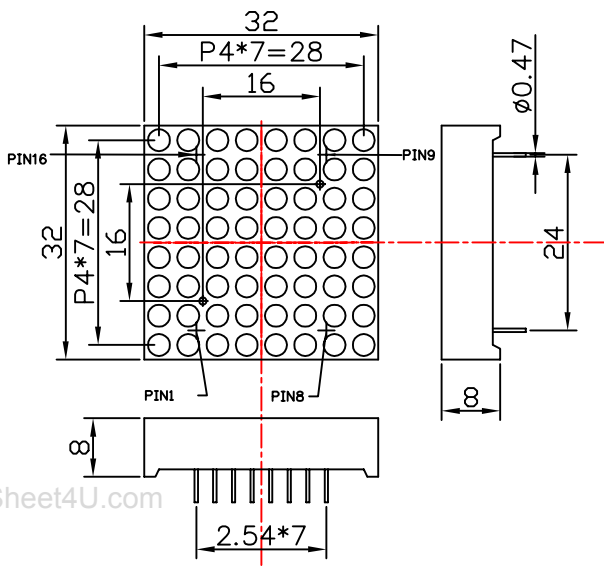
04.03.31

1

SHEETS

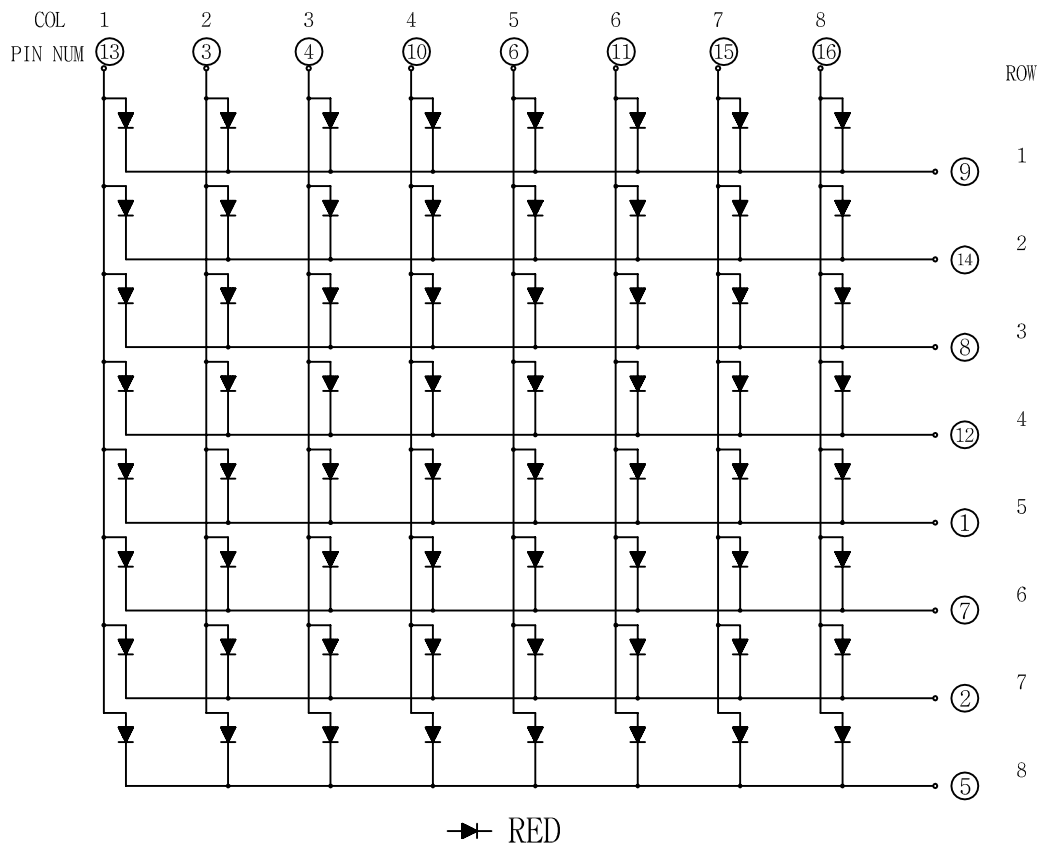
1/2

# 4. 외관 (Demension)



Unit(mm)

# 5. 회로도 (Circuits)



SEOUL Semiconductor

제품명	발행일	REV
SSD-D3232SL-88	04.03.31	1
		SHEETS
		2 / 2