

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

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)

(Ta=25℃)

Parameter	Symbol	RATING	Unit
Power dissipation * ¹	P _D	6.65	W
Foward current	I _F	30	mA
Peak foward current * ²	I _{FP}	130	mA
Reverse voltage	V _R	MIN 5	V
Operating temperature	Topr	-10 ~ +60	° C
Storage temperature	Tstg	-20 ~ +70	° C

*¹ Under Full capacity figure (DUTY 1/10, I_{FP} = 130mA)

*² I_{FP} conditions: Pulse width Tw≤0.1ms, Duty ratio≤1/10 where the lighting ratio is 50% max.

3. 광학적 특성(OPTICAL SPECIFICATION)

(Ta=25℃)

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



SEOUL Semiconductor

제품명

SSD-D3232SL-88

발행일

04.03.31

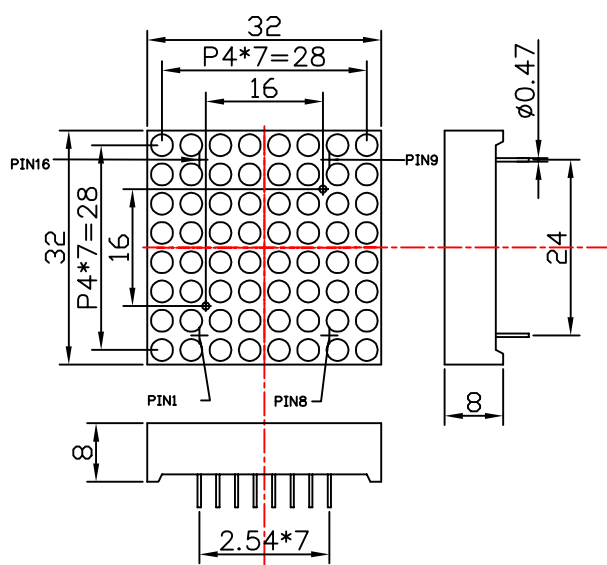
REV

1

SHEETS

1/2

4. 외관 (Demension)



COL	1	2	3	4	5	6	7	8	ROW
	○	○	○	○	○	○	○	○	1
	○	○	○	○	○	○	○	○	2
	○	○	○	○	○	○	○	○	3
	○	○	○	○	○	○	○	○	4
	○	○	○	○	○	○	○	○	5
	○	○	○	○	○	○	○	○	6
	○	○	○	○	○	○	○	○	7
	○	○	○	○	○	○	○	○	8

Unit(mm)

5. 회로도 (Circuits)

