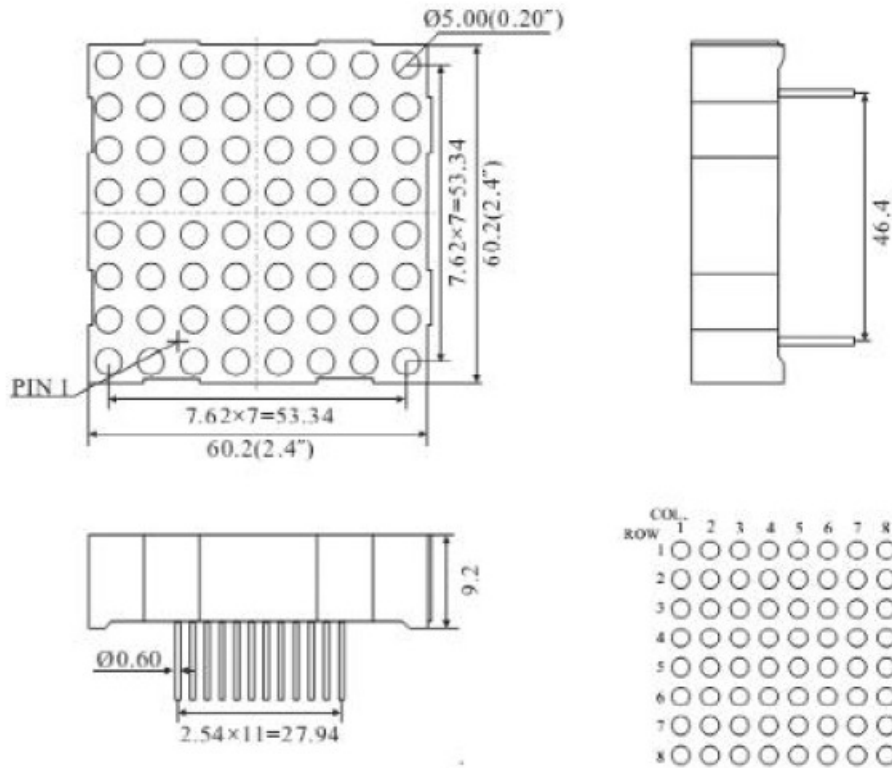


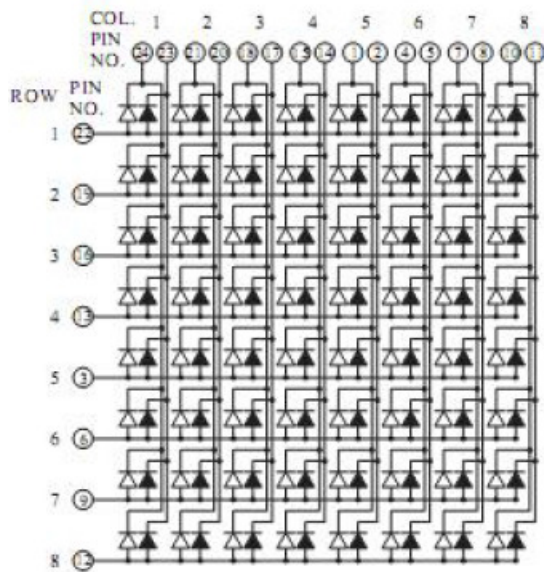


HB23881ASRG/CSRG

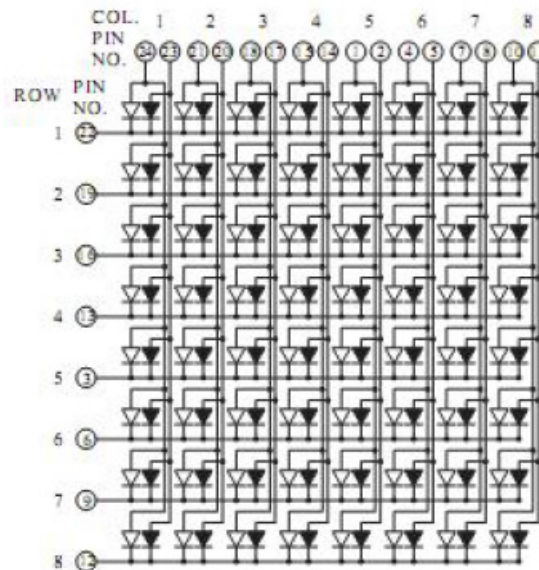


UNIT: MM(INCH) TOLERANCE: $\pm 0.25(0.01)$ "

Internal Circuit Diagram



HB23881CSRG



HB23881ASRG



Part Number: CPM23088ARG High Efficiency Red And Yellow Green

DESCRIPTION

- 60.20mm 8*8 Dot Matrix display series, Row Cathode, black face, white diffused.
- Standard brightness.
- Low current operation.
- Excellent character appearance.
- Easy mounting on P.C.boards or sockets.

产品最大绝对参数值 Absolute maximum ratings (Ta=25°C)

每段参数 PARAMETER PER SEGMENT	符号 SYMBOL	最大数 MAX	单位 UNIT
反向电压 Reverse Voltage	VR	5	V/Dice
正向电流 Forward Current	IF	20	mA/Dice
峰值电流 (0.1ms) Peak Forward current(1/10 Duty Cycle)	IPEAK	120	mA/Dice
功耗 Power Dissipation	PA	46/48	mW/Dice
工作条件温度 Operating Temperature Range	-25°C to +85°C		
储存温度 Storage Temperature Range	-30°C to +85°C		
距离胶体 1.6mm 焊接, 温度 260°C, 焊接时间最多 3 秒 Lead soldering Temperature 260°C at 1.6mm Form Body For 3 Seconds			

产品光电参数值 ELECTRICAL/OPTICAL CHARACTERISTICS (Ta=25°C)

参数 PARAMETER	符号 SYMBOL	R	YG	UNIT	测试条件 Test condition
每段亮度 Luminous Intensity Per Dice	Iv	25-30	30-40	mcd	IF=20mA
每段正向电压 Forward Voltage Per dice	VF	2.0-2.3	2.1-2.4	V	IF=20mA
波长 Wavelength	λ_p / λ_d	635/630	573/569	nm	IF=20mA
半波长度 Spectrum width of half value	$\Delta \lambda$	20	20	nm	IF=20mA
每段反向电流 Reverse Current Per dice	IR	10	10	μA	VR=5V

-XX: Surface / Lens color:

Number	0	1	2	3	4
Ref Surface Color	White	Black	Grey	Red	Green
Epoxy Color	Water clear	White Diffused	Red Diffused	Green Diffused	Yellow Diffused