

2.00" (50.72mm) Φ 5.00mm 5*7 Single Color Dot Matrix Displays

Features:

- *High segment intensity
- *Wide viewing angle
- *Range of colours
- *Black face White segment
- *Rohs compliant

Available option:

- *Alternative face and segment colour
- *Alternative font
- *Cropped terminal pins
- *Available emitting colour
- *Low current version

Electro/Optical Characteristics If=20mA Ta=25°C

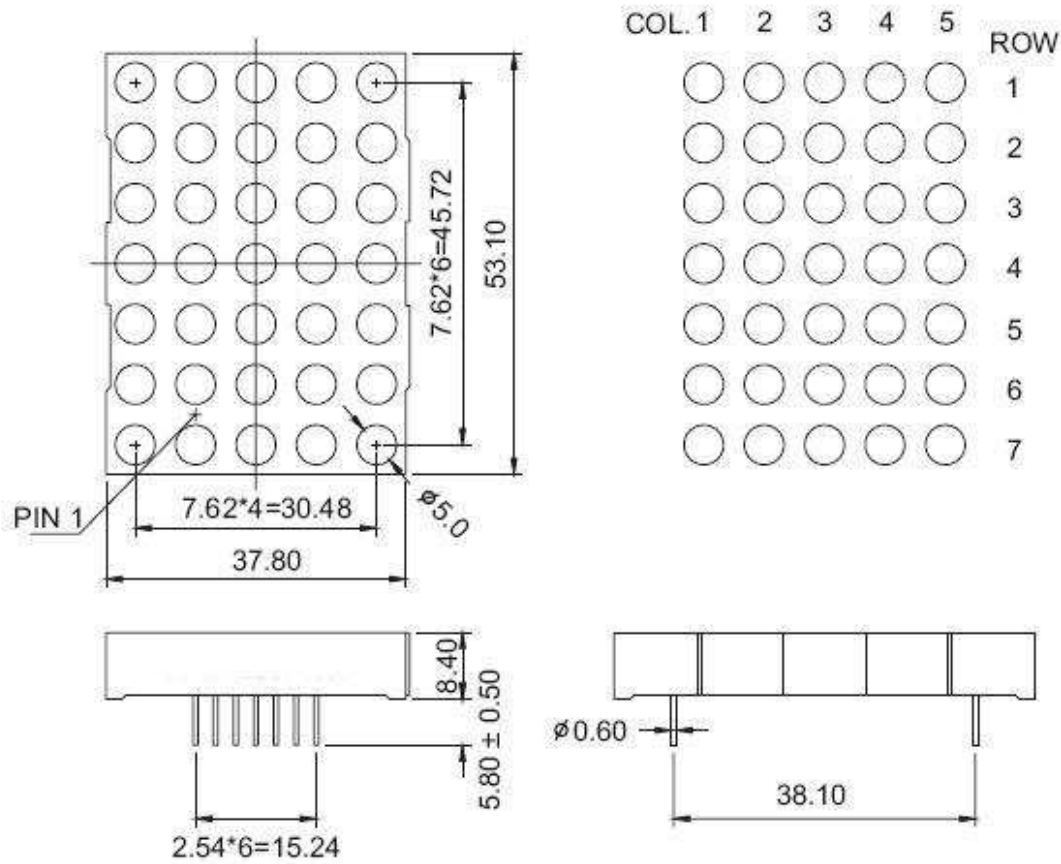
Part Number Row Cathode Column Anode	Part Number Row Anode Column Cathode	Emitting Colors	Peak Wavelength	Forward Voltage Vf		Luminous Intensity Iv	
				Typical	Max.	Min.	Typical
LM-57HR20-C	LM-57HR20-CC	GaAlAs/GaAs Hi-Red	660	1.85	2.20	280.0	420.0
LM-57G20-C	LM-57G20-CC	GaP/GaP Green	570	2.20	2.50	245.0	385.0
Units			nm	V		mcd	

Maximum Ratings Ta=25°C (Derate above 25°C)

Characteristic	Condition	Symbol	Hi-Red	Green				Units
Pulse Forward Current	0.1 duty cycle 0.1ms Pulse width	I _{FP}	150	150				mA
DC Forward Current		I _F	25	30				mA
Reverse Current	V _R =5V	I _R	20	20				μA
Power Dissipation		P _D	60*35	80*35				mW
Operating Temperature		T _{OPR}	-40 to +80					°C
Storage Temperature		T _{STG}	-40 to +85					°C
Lead soldering temperature	1.60mm from body maximum 3 seconds		260					°C

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PACKAGE DIMENSION



Tolerance ± 0.25 mm unless stated

INTERNAL CIRCUIT DIAGRAM

