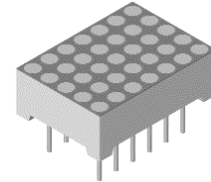


## 0.7" 5x7 Dot Matrix Display

### VM 151CG

#### Main Features:

- ⊙ Low power consumption
- ⊙ High efficiency chips material
- ⊙ Excellent character appearance
- ⊙ Long life solid state reliability
- ⊙ 1.9mm dot size with gray color surface,
- ⊙ Column cathode connection circuit.
- ⊙ AllInGaP dice technology




#### Applications

- Industry equipment
- Instruments panels
- Counter equipment
- Sign display



#### Electronic Optical Characteristics (at 20mA):

Part Number	Emitted Color	$\lambda$ (nm)		Surface Color	Iv(mcd)		VF(V)	
		$\lambda d$	$\lambda p$		Min.	Typ.	Typ.	Max.
VM 151CG	Green 	573	575	Gray	15	30	2.0	2.4

#### Absolute Maximum Ratings (at Ta=25°C)

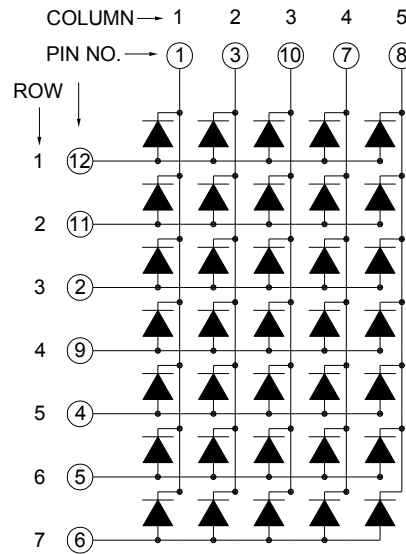
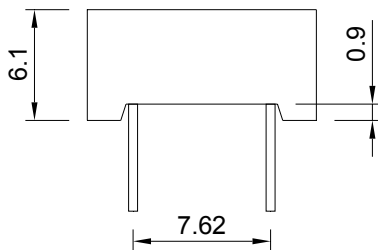
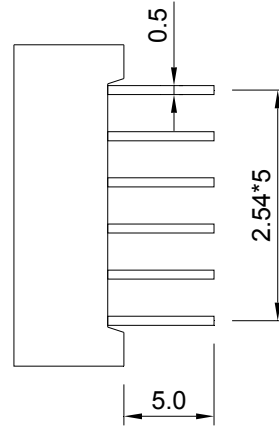
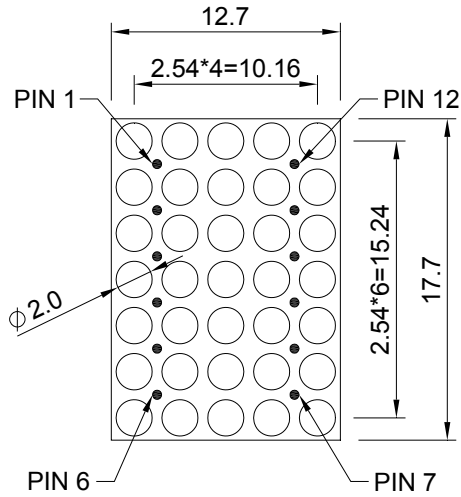
P <sub>D</sub> (mW)	I <sub>F</sub> (mA)	I <sub>FP</sub> (mA)	T <sub>sol</sub> . (°C)	I <sub>R</sub> ( $\mu$ A)@V <sub>R</sub> =5V	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°C)
60	25	100	260+/-5 5sec	10	-40~+85	-40~+90

Note: Please take note the Absolute Maximum Rating values. Any operation beyond the specified ratings in this table will result degradation of LED life-span and may cause LED to fail.

\* I<sub>FP</sub>: Peak Forward Current under 1/10 duty, 1KHz condition

**Package Dimension:**

unit : mm



**Notes:**

1. All dimensions are millimeters.
2. Dimensional tolerance is +/- 0.2mm unless otherwise specified.
3. Specifications are subject to change without notice.