



**3.00” (79.80mm) Φ7.62mm 5\*7 Bi-Color Dot Matrix Displays**

**Features:**

- \*High segment intensity
- \*Wide viewing angle
- \*Bi-colors
- \*Black face White dot
- \*RoHS compliant

**Available option:**

- \*Alternative face and segment color
- \*Cropped terminal pins
- \*Available emitting color
- \*Low current version

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

Part Number Row Cathode Column Anode	Part Number Row Anode Column Cathode	Emitting Color	Peak Wavelength	Forward Voltage V <sub>F</sub> /Dot		Luminous Intensity I <sub>v</sub> /Dot	
				Typ.	Max.	Min.	Typ.
NFM-30571CSG-11	NFM-30571DSG-11	GaAlAs/GaAs Hi-Red	660	3.60	4.40	16.0	24.0
		GaP/GaP Green	570	4.40	5.00	14.0	22.0
Units			nm	V		mcd	

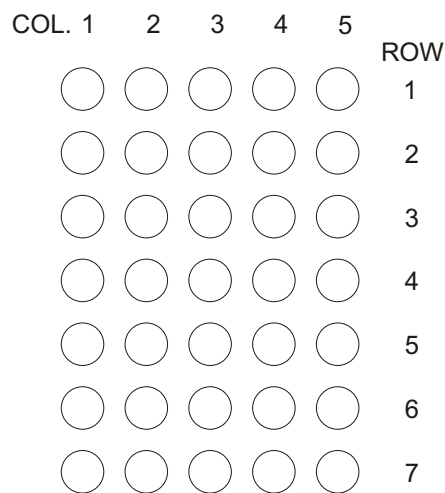
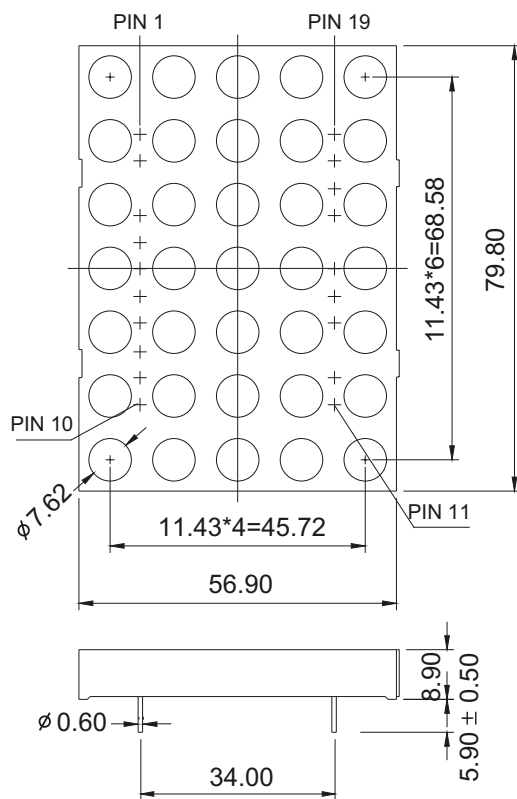
**Maximum Ratings Ta=25°C (Derate above 25°C)**

Characteristic	Test Condition	Symbol	S	G				Units
Pulse Forward Current Per Dot	1/10 duty cycle 0.1ms Pulse width	I <sub>FP</sub>	100	100				mA
DC Forward Current Per Dot		I <sub>F</sub>	25	30				mA
Reverse Current Per Dot	V <sub>R</sub> =10V	I <sub>R</sub>	10	10				μA
Power Dissipation		P <sub>D</sub>	60*70	80*70				mW
Operating Temperature		T <sub>OPR</sub>					-40 to +80	°C
Storage Temperature		T <sub>TSG</sub>					-40 to +85	°C
Lead soldering temperature	1.60mm from body maximum 3 seconds						260	°C



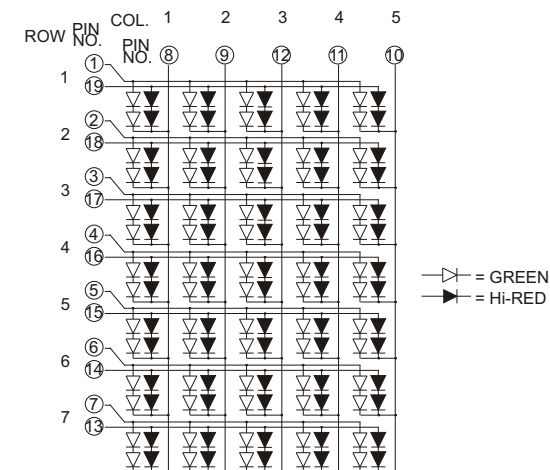
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#### PACKAGE DIMENSION

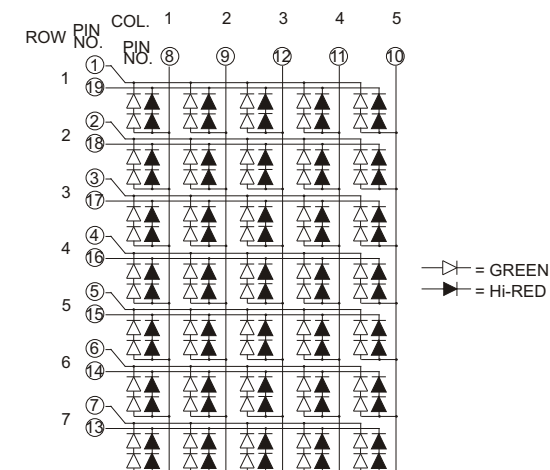


#### INTERNAL CIRCUIT DIAGRAM

Row Cathode  
Column Anode  
NFM-30571CSG



Row Anode  
Column Cathode  
NFM-30571DSG



Tolerance  $\pm 0.25$ mm unless stated