



2.00” (53.10mm) Φ5.00mm 5*7 Bi-Color Dot Matrix Displays

Features:

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

Available option:

- *Alternative face and dot 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 _F /Dot		Luminous Intensity I _v /Dot	
				Typ.	Max.	Min.	Typ.
NFM-20571AEG-11	NFM-20571BEG-11	GaAsP/GaAs Orange	632	2.10	2.50	8.0	12.0
		GaP/GaP Green	568	2.20	2.50	7.0	11.0
Units			nm	V		mcd	

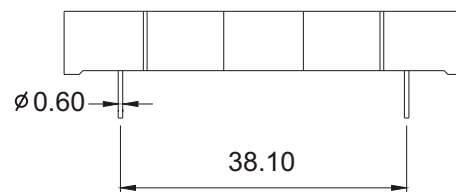
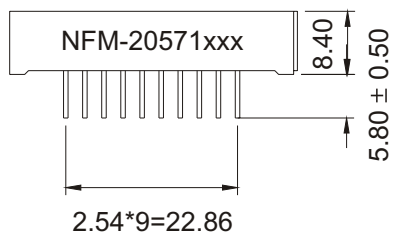
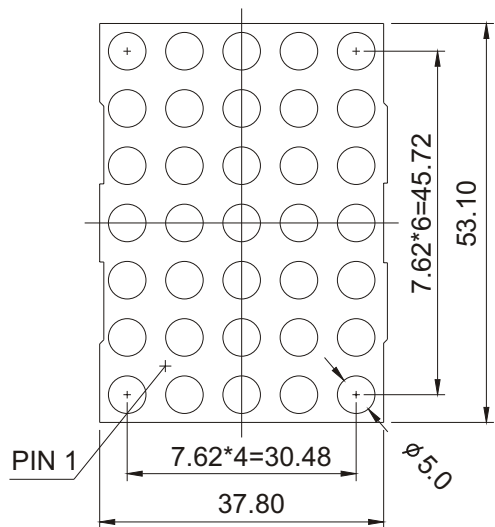
Maximum Ratings Ta=25°C (Derate above 25°C)

Characteristic	Test Condition	Symbol	E	G				Units
Pulse Forward Current Per Dot	1/10duty cycle 0.1ms Pulse width	I _{FP}	100	100				mA
DC Forward Current Per Dot		I _F	30	30				mA
Reverse Current Per Dot	V _R =5V	I _R	10	10				μA
Power Dissipation		P _D	65*35	80*35				mW
Operating Temperature		T _{OPR}					-40 to +80	°C
Storage Temperature		T _{TSG}					-40 to +85	°C
Lead soldering temperature	1.60mm from body maximum 3 seconds						260	°C



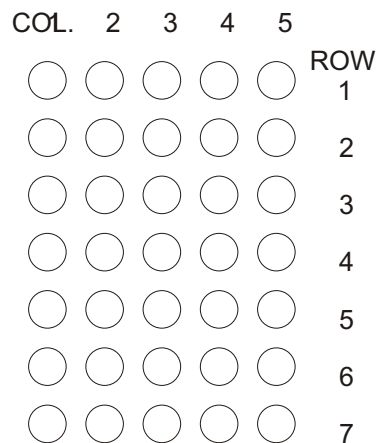
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PACKAGE DIMENSION



Tolerance ± 0.25 mm unless stated

INTERNAL CIRCUIT DIAGRAM



Row Cathode
Column Anode
NFM-20571Axx

