



2.30" (60.20mm) Φ 5.00mm 8*8 Bi-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	Viewing Angle 2 0 1/2	Forward Voltage Vf		Luminous Intensity Iv	
					typical	max.	min.	typical
NFM-23881ASG-11	NFM-23881BSG-11	GaAlAs/GaAs Hi-Red	660		1.85	2.20	448.00	640.00
		GaP/GaP Yellow Green	570		2.20	2.50	512.00	800.00
Units			nm	degree	V		mcd	

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

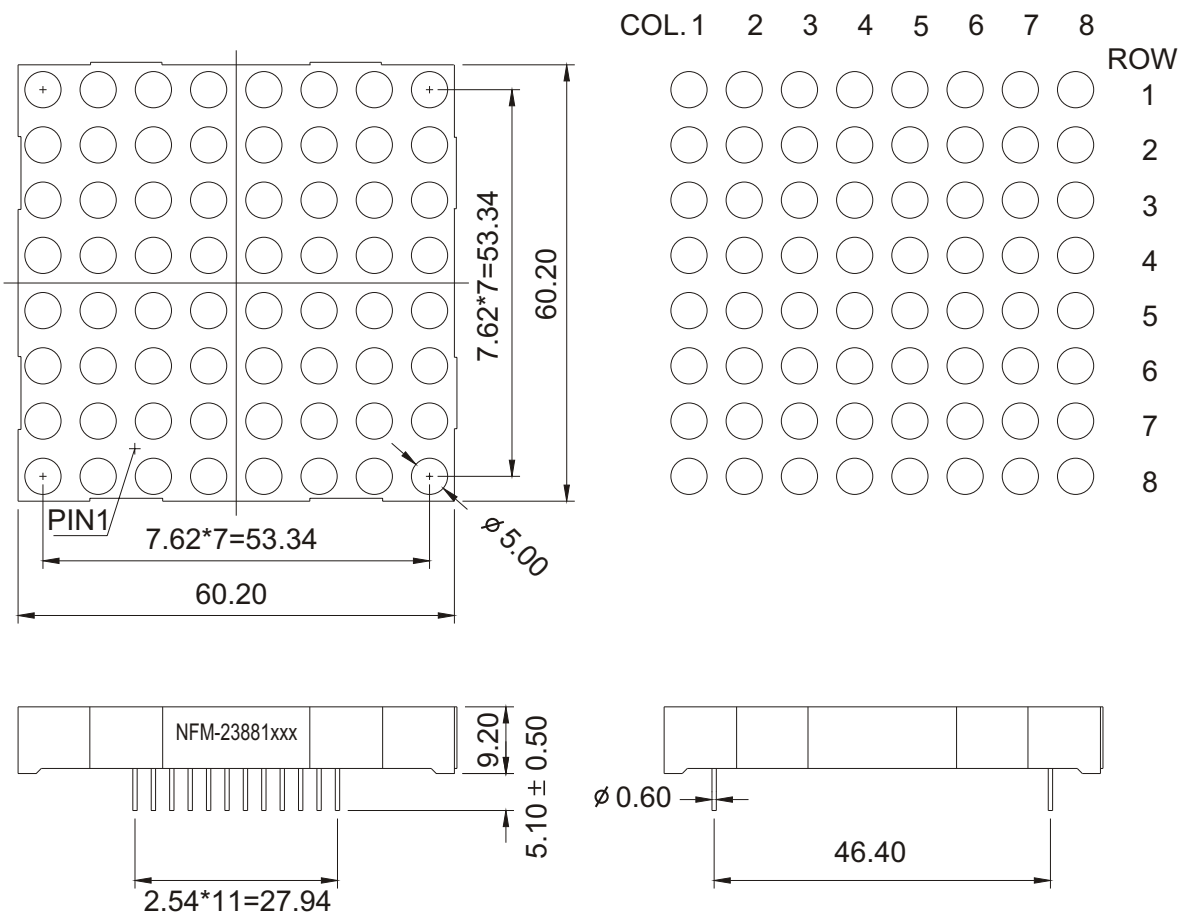
Characteristic	Condition	Symbol	Hi- Red	Yellow Green		Units
Pulse Forward Current	0.1 duty cycle 0.1ms Pulse width	I _{FP}	150	150		mA
DC Forward Current		I _F	25	30		mA
Reverse Current	V _r =5V	I _R	20	20		μA
Power Dissipature		P _D	60	80		mW
Operating Temperature		T _{OPR}	-40 to +80			°C
Storage Temperature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

Checked	Chen N.H.	Approved	Jason Chen	Date	2006/03/26	PAGE 1 / 2
---------	-----------	----------	------------	------	------------	------------



2.30" (60.20mm) Φ 5.00mm 8*8 Bi-Color Dot Matrix Displays

PACKAGE DIMENSION



Tolerance \pm 0.25mm unless stated

INTERNAL CIRCUIT DIAGRAM

