FLYiNG 汎翊國際有限公司

F-TOM-788AMR-B5

Dot Matrix Display LED

Part Number	Chip		Face Color	Segment Color
	Material	Source Color		
F-TOM-788AMR-B5	AlGaInP	Ultra-red	Black	White

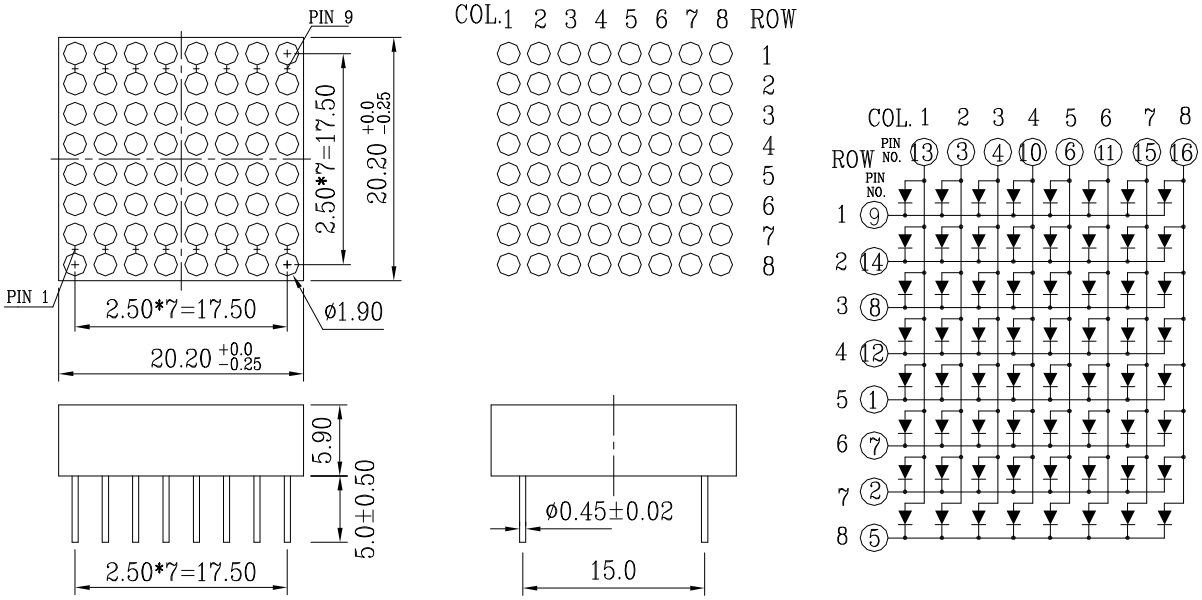
Features

- (8x8) ¢1.90mm dot matrix
- Row common cathode
- I.C. compatible
- Low power requirement
- RoHS compliant

Applications

- Audio equipment
- Instrument panels
- Indoor display

Package Dimensions & Internal Circuit Diagram



Notes:

1. All dimensions are in millimeters, tolerance: ±0.25 ; Angle: ±0.1° unless otherwise noted.
2. Specifications are subject to change without notice.

Absolute Maximum Rating @ Ta=25°C

Parameter	Maximum Rating	Unit
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	80	mA
Power Dissipation Per Dot	75	mW
Continuous Forward Current Per Dice	20	mA
Recommend Operating Current Per Dice	12	mA
Reverse Voltage Per Dice	5	V
Operating Temperature Range	-25°C to +85°C	
Storage Temperature Range	-30°C to +85°C	
Lead-Free Solder Temperature(1/16 Inch Below Seating Plane)	260±5°C for 5 Sec	

Electrical / Optical Characteristic @ Ta=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition	Grade
Average Luminous Intensity Per Dot	Iv	10.3	13.5	--	mcd	I_F=10mA	
Dominant Wavelength	λ_d	625	630	635	nm	I_F=20mA	
Spectral Line Half-Width	△λ		15		nm	I_F=20mA	
Forward Voltage Per Dice	V_F	1.8	2.0	2.3	V	I_F=20mA	
Reverse Current Per Dice	I_R			20	μA	V_R=5V	
Luminous Intensity Matching Rate	Iv-m			2.0:1		I_F=20mA	

The DISPLAYS should be kept at 30°C or less and 60%RH or less. The DISPLAYS should be used within one year.

Package Description