2.3" 8x8 Dot Matrix Display

FEATURES

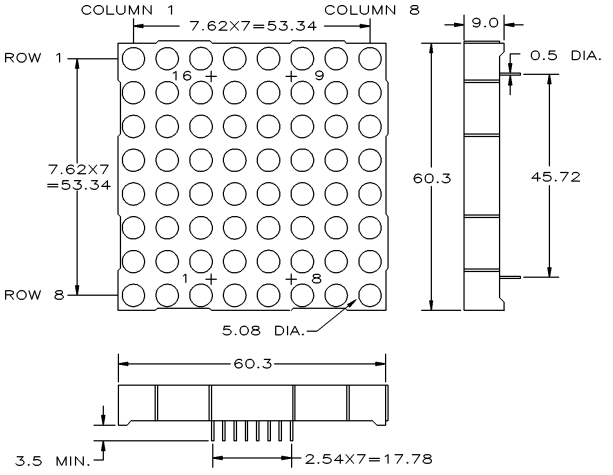
- **2.3" 8x8 dot matrix**
- **Additional colors/materials available**

OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

PART NO.	PEAK WAVE LENGTH (nm)	EMITTED COLOR	FACE COLORS		MAXIMUM RATINGS			OPTO-ELECTRICAL CHARACTERISTICS							PIN-OUT
			SURFACE COLOR	EPOXY COLOR	IF (mA)	VR (V)	PD (mW)	VF(V)			IR(μA)		IV(μcd)		
								typ.	max.	@mA	max.	@VR	typ. per dot	@mA	
MTAN2123-11A	567	Green	Grey	White	30	5	85	2.1	3.0	20	100	5	5100	10	1
MTAN4123-11A	635	Orange	Grey	White	30	5	85	2.1	3.0	20	100	5	5900	10	1
MTAN4123R-11A	635	Hi-Eff Red	Red	Red	30	5	85	2.1	3.0	20	100	5	5900	10	1
MTAN7123M-11A	660	Ultra Red	Black	White	30	4	70	1.7	2.2	20	100	4	31100	20	1
MTAN2123-21C	567	Green	Grey	White	30	5	85	2.1	3.0	20	100	5	5100	10	2
MTAN4123-21C	635	Orange	Grey	White	30	5	85	2.1	3.0	20	100	5	5900	10	2
MTAN4123R-21C	635	Hi-Eff Red	Red	Red	30	5	85	2.1	3.0	20	100	5	5900	10	2
MTAN7123M-21C	660	Ultra Red	Black	White	30	4	70	1.7	2.2	20	100	4	31100	20	2

Operating Temperature: -25~+85, Storage Temperature: -25~+100. Other face/epoxy colors are available.

PACKAGE DIMENSIONS AND PIN FUNCTIONS



PINOUT 1
COLUMN ANODE

PIN NO.	FUNCTION
1.	CATHODE ROW 5
2.	CATHODE ROW 7
3.	ANODE COLUMN 2
4.	ANODE COLUMN 3
5.	CATHODE ROW 8
6.	ANODE COLUMN 5
7.	CATHODE ROW 6
8.	CATHODE ROW 3
9.	CATHODE ROW 1
10.	ANODE COLUMN 4
11.	ANODE COLUMN 6
12.	CATHODE ROW 4
13.	ANODE COLUMN 1
14.	CATHODE ROW 2
15.	ANODE COLUMN 7
16.	ANODE COLUMN 8

PINOUT 2
COLUMN CATHODE

PIN NO.	FUNCTION
1.	ANODE ROW 5
2.	ANODE ROW 7
3.	CATHODE COLUMN 2
4.	CATHODE COLUMN 3
5.	ANODE ROW 8
6.	CATHODE COLUMN 5
7.	ANODE ROW 6
8.	ANODE ROW 3
9.	ANODE ROW 1
10.	CATHODE COLUMN 4
11.	CATHODE COLUMN 6
12	ANODE ROW 4
13.	CATHODE COLUMN 1
14.	ANODE ROW 2
15.	CATHODE COLUMN 7
16.	CATHODE COLUMN 8

1. ALL DIMENSIONS ARE IN mm, TOLERANCE IS ±0.25mm UNLESS OTHERWISE SPECIFIED.
2. THE SLOPE ANGLE OF ANY PIN MAY BE ±5.0° MAX.

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