

# 0.68" 5x7 Dot Matrix Display

## FEATURES

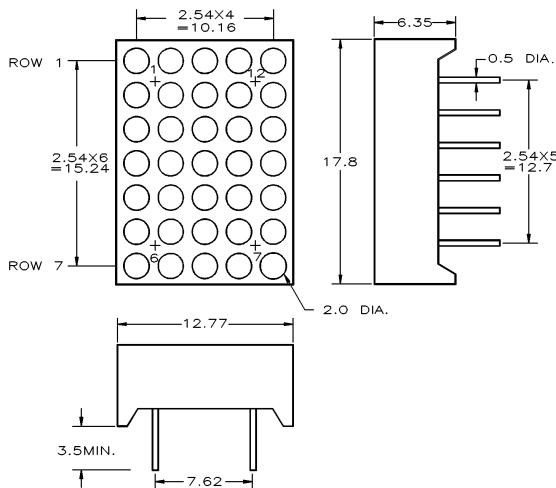
- 0.68" 5x7 dot matrix
- Additional colors/materials available
- Other pin outs available for this product

## 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
MTAN2170-12A	567	Green	Grey	White	30	5	85	2.1	3.0	20	100	5	2900	10	1
MTAN4170-12A	635	Orange	Grey	White	30	5	85	2.1	3.0	20	100	5	3300	10	1
MTAN4170R-12A	635	Hi-Eff Red	Red	Red	30	5	85	2.1	3.0	20	100	5	3300	10	1
MTAN7170M-12A	660	Ultra Red	Black	White	30	4	70	1.7	2.2	20	100	4	17400	20	1
MTAN2170-22C	567	Green	Grey	White	30	5	85	2.1	3.0	20	100	5	2900	10	2
MTAN4170-22C	635	Orange	Grey	White	30	5	85	2.1	3.0	20	100	5	3300	10	2
MTAN4170R-22C	635	Hi-Eff Red	Red	Red	30	5	85	2.1	3.0	20	100	5	3300	10	2
MTAN7170M-22C	660	Ultra Red	Black	White	30	4	70	1.7	2.2	20	100	4	17400	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. ANODE COLUMN 1
2. CATHODE ROW 3
3. ANODE COLUMN 2
4. CATHODE ROW 5
5. CATHODE ROW 6
6. CATHODE ROW 7
7. ANODE COLUMN 4
8. ANODE COLUMN 5
9. CATHODE ROW 4
10. ANODE COLUMN 3
11. CATHODE ROW 2
12. CATHODE ROW 1

### PINOUT 2

COLUMN CATHODE

PIN NO. FUNCTION

1. CATHODE COLUMN 1
2. ANODE ROW 3
3. CATHODE COLUMN 2
4. ANODE ROW 5
5. ANODE ROW 6
6. ANODE ROW 7
7. CATHODE COLUMN 4
8. CATHODE COLUMN 5
9. ANODE ROW 4
10. CATHODE COLUMN 3
11. ANODE ROW 2
12. ANODE ROW 1

1. ALL DIMENSIONS ARE IN mm, TOLERANCE IS  $\pm 0.25$ mm UNLESS OTHERWISE SPECIFIED.
2. THE SLOPE ANGLE OF ANY PIN MAY BE  $\pm 5.0^\circ$  MAX.



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