

0.68" 5x7 Dot Matrix Display

FEATURES

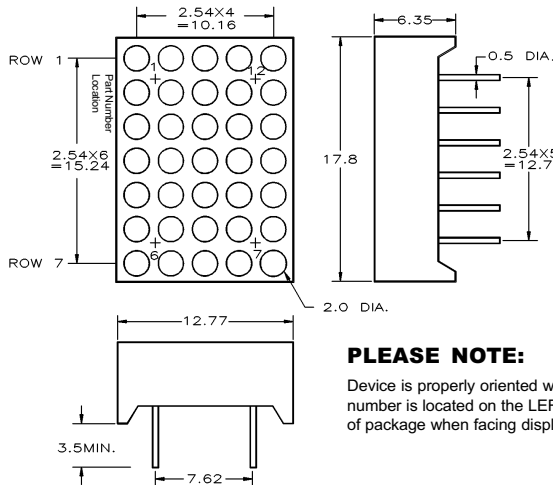
- 0.68" 5x7 dot matrix
- Additional colors/materials available
- Other pin outs available for this product

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



PLEASE NOTE:

Device is properly oriented when part number is located on the LEFT side of package when facing display.

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 ± 0.25 mm UNLESS OTHERWISE SPECIFIED.
2. THE SLOPE ANGLE OF ANY PIN MAY BE $\pm 5.0^\circ$ MAX.



120 Broadway • Menands, New York 12204

Toll Free: (800) 98-4LED5 • Fax: (518) 432-7454

For up-to-date product info visit our web site at www.marktechopto.com

All specifications subject to change.