

4.0" 5x7 Dot Matrix Display

FEATURES

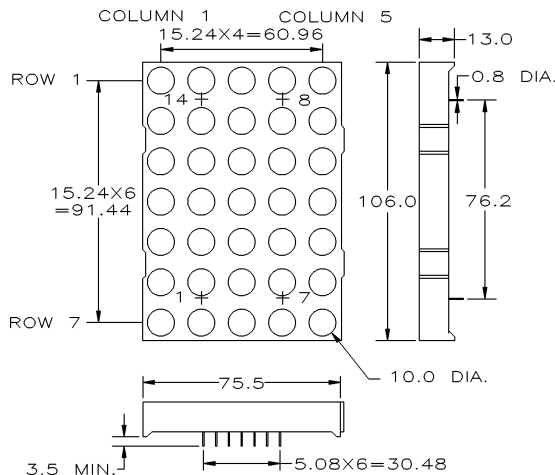
- 4.0" 5x7 dot matrix
- Additional colors/materials available

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
MTAN2140-12A	567	Green	Grey	White	30	5	85	4.2	6.0	20	100	5	6800	10	1
MTAN4140-12A	635	Orange	Grey	White	30	5	85	4.2	6.0	20	100	5	7800	10	1
MTAN4140R-12A	635	Hi-Eff Red	Red	Red	30	5	85	4.2	6.0	20	100	5	7800	10	1
MTAN7140M-12A	660	Ultra Red	Black	White	30	4	70	3.4	4.4	20	100	4	41100	20	1
MTAN2140-22C	567	Green	Grey	White	30	5	85	4.2	6.0	20	100	5	6800	10	2
MTAN4140-22C	635	Orange	Grey	White	30	5	85	4.2	6.0	20	100	5	7800	10	2
MTAN4140R-22C	635	Hi-Eff Red	Red	Red	30	5	85	4.2	6.0	20	100	5	7800	10	2
MTAN7140M-22C	660	Ultra Red	Black	White	30	4	70	3.4	4.4	20	100	4	41100	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	1	CATHODE ROW 5
2	2	CATHODE ROW 7
3	3	ANODE COLUMN 2
4	4	ANODE COLUMN 3
5	5	CATHODE ROW 4
6	6	ANODE COLUMN 5
7	7	CATHODE ROW 6
8	8	CATHODE ROW 3
9	9	CATHODE ROW 1
10	10	ANODE COLUMN 4
11	11	ANODE COLUMN 3
12	12	CATHODE ROW 4
13	13	ANODE COLUMN 1
14	14	CATHODE ROW 2

PINOUT 2

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

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

All specifications subject to change.