

# 0.3" 5x7 Dot Matrix Display

## FEATURES

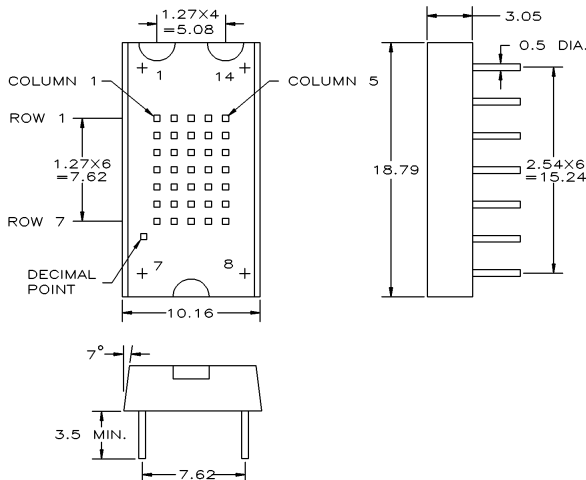
- 0.3" 5x7 dot matrix
- Color clear encapsulation
- Additional colors/materials available

## 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
MTAN2135-AG	567	Green	Green	Green	30	5	85	2.1	3.0	20	100	5	900	10	1
MTAN4135-AO	635	Orange	Orange	Orange	30	5	85	2.1	3.0	20	100	5	1000	10	1
MTAN4135-AHR	635	Hi-Eff Red	Red	Red	30	5	85	2.1	3.0	20	100	5	1000	10	1
MTAN7135M-11A	660	Ultra Red	Red	Red	30	4	70	1.7	2.2	20	100	4	13700	20	1
MTAN2135-CG	567	Green	Green	Green	30	5	85	2.1	3.0	20	100	5	900	10	2
MTAN4135-CO	635	Orange	Orange	Orange	30	5	85	2.1	3.0	20	100	5	1000	10	2
MTAN4135-CHR	635	Hi-Eff Red	Red	Red	30	5	85	2.1	3.0	20	100	5	1000	10	2
MTAN7135M-21C	660	Ultra Red	Red	Red	30	4	70	1.7	2.2	20	100	4	13700	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 2
2. CATHODE ROW 1
3. CATHODE ROW 3
4. CATHODE ROW 4
5. ANODE COLUMN 1
6. NO PIN
7. ANODE DP
8. ANODE COLUMN 3
9. CATHODE ROW 7 & DP
10. CATHODE ROW 6
11. CATHODE ROW 5
12. CATHODE ROW 2
13. ANODE COLUMN 5
14. ANODE COLUMN 4

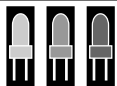
### PINOUT 2

COLUMN CATHODE

PIN NO. FUNCTION

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

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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