

# 2.0" 4x4 Dot Matrix Display

## FEATURES

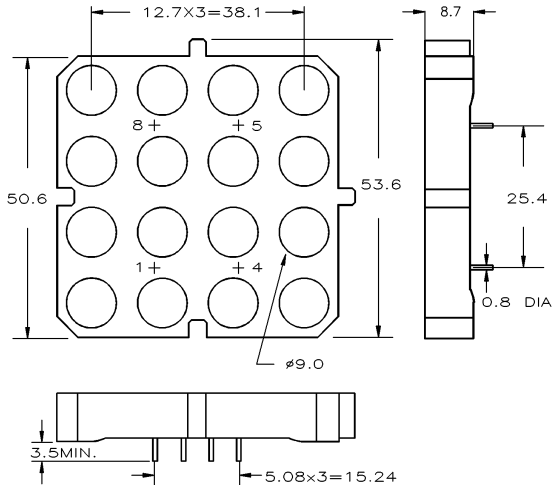
- 2.0" 4x4 dot matrix display
- Additional colors/materials available

## 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
MTAN2121-AG	567	Green	Grey	White	30	5	85	6.3	9.0	20	100	15	6800	10	1
MTAN4121-AO	635	Orange	Grey	White	30	5	85	6.3	9.0	20	100	15	7800	10	1
MTAN4121-AHR	635	Hi-Eff Red	Red	Red	30	5	85	6.3	9.0	20	100	15	7800	10	1
MTAN7121M-AUR	660	Ultra Red	Black	White	30	4	70	5.1	6.6	20	100	12	41100	20	1
MTAN2121-CG	567	Green	Grey	White	30	5	85	6.3	9.0	20	100	15	6800	10	2
MTAN4121-CO	635	Orange	Grey	White	30	5	85	6.3	9.0	20	100	15	7800	10	2
MTAN4121-CHR	635	Hi-Eff Red	Red	Red	30	5	85	6.3	9.0	20	100	15	7800	10	2
MTAN7121M-CUR	660	Ultra Red	Black	White	30	4	70	5.1	6.6	20	100	12	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. ANODE COLUMN 1
2. ANODE COLUMN 2
3. ANODE COLUMN 3
4. ANODE COLUMN 4
5. CATHODE ROW 1
6. CATHODE ROW 2
7. CATHODE ROW 3
8. CATHODE ROW 4

### PINOUT 2

COLUMN CATHODE

PIN NO. FUNCTION

1. CATHODE COLUMN 1
2. CATHODE COLUMN 2
3. CATHODE COLUMN 3
4. CATHODE COLUMN 4
5. ANODE ROW 1
6. ANODE ROW 2
7. ANODE ROW 3
8. ANODE ROW 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.



120 Broadway • Menands, New York 12204  
Toll Free: (800) 98-4LEDS • Fax: (518) 432-7454