

# 1.4" 5x8 Bi-Color Dot Matrix Display

## FEATURES

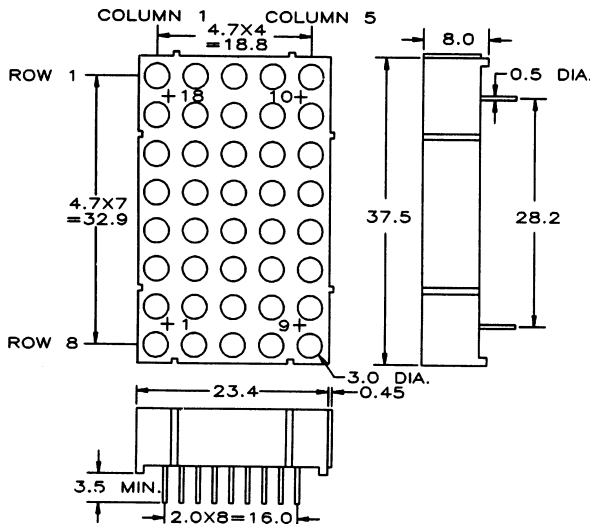
- 1.4" 5x8 bi-color dot matrix display
- Grey surface/white epoxy color

## OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

PART NO.	EMITTED COLOR	PEAK WAVE LENGTH (nm)	MAXIMUM RATINGS			OPTO-ELECTRICAL CHARACTERISTICS								PIN-OUT
			IF (mA)	VR (V)	PD (mW)	VF(V)			IR(μA)		IV(μcd)			
						typ.	max.	@mA	max.	@VR	typ. per seg.	@mA		
MTAN6314A-AHRG	(HR)	Hi-Eff Red	635	30	5	85	2.1	3.0	20	100	5	4600	10	1
	(G)	Green	567	30	5	85	2.1	3.0	20	100	5	4000	10	1
MTAN6414A-CHRG	(HR)	Hi-Eff Red	635	30	5	85	2.1	3.0	20	100	5	4600	10	2
	(G)	Green	567	30	5	85	2.1	3.0	20	100	5	4000	10	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. COLUMN 1 ANODE (HR)
2. COLUMN 2 ANODE (HR)
3. COLUMN 2 ANODE (G)
4. COLUMN 3 ANODE (G)
5. ROW 6 CATHODE
6. ROW 7 CATHODE
7. COLUMN 4 ANODE (G)
8. ROW 5 CATHODE
9. ROW 8 CATHODE
10. COLUMN 5 ANODE (HR)
11. COLUMN 5 ANODE (G)
12. COLUMN 4 ANODE (HR)
13. COLUMN 3 ANODE (HR)
14. ROW 4 CATHODE
15. ROW 2 CATHODE
16. ROW 1 CATHODE
17. ROW 3 CATHODE
18. COLUMN 1 ANODE (G)

### PINOUT 2

#### COLUMN CATHODE

#### PIN NO. FUNCTION

1. COLUMN 1 CATHODE (HR)
2. COLUMN 2 CATHODE (HR)
3. COLUMN 2 CATHODE (G)
4. COLUMN 3 CATHODE (G)
5. ROW 6 ANODE
6. ROW 7 ANODE
7. COLUMN 4 CATHODE (G)
8. ROW 5 ANODE
9. ROW 8 ANODE
10. COLUMN 5 CATHODE (HR)
11. COLUMN 5 CATHODE (G)
12. COLUMN 4 CATHODE (HR)
13. COLUMN 3 CATHODE (HR)
14. ROW 4 ANODE
15. ROW 2 ANODE
16. ROW 1 ANODE
17. ROW 3 ANODE
18. COLUMN 1 CATHODE (G)

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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For up-to-date product info visit our web site at [www.marktechopto.com](http://www.marktechopto.com)

All specifications subject to change.