

2.0" 5x7 Bi-Color Dot Matrix Display

FEATURES

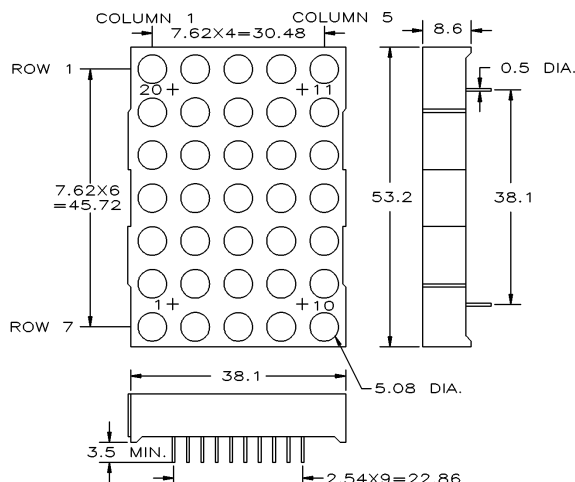
- 2.0" 5x7 dot matrix display
- Grey surface/white epoxy color

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		
MTAN6320-GO	(O)	Hi-Eff Red	635	30	5	85	2.1	3.0	20	100	5	5900	10	1	
	(G)	Green	567	30	5	85	2.1	3.0	20	100	5	5100	10	1	
MTAN6420-GO	(O)	Hi-Eff Red	635	30	5	85	2.1	3.0	20	100	5	5900	10	2	
	(G)	Green	567	30	5	85	2.1	3.0	20	100	5	5100	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. CATHODE ROW 5
2. CATHODE ROW 7
3. ANODE COLUMN 2 (G)
4. ANODE COLUMN 2 (HR)
5. ANODE COLUMN 3 (G)
6. ANODE COLUMN 3 (HR)
7. CATHODE ROW 4
8. ANODE COLUMN 5 (G)
9. ANODE COLUMN 5 (HR)
10. CATHODE ROW 6
11. CATHODE ROW 3
12. CATHODE ROW 1
13. ANODE COLUMN 4 (G)
14. ANODE COLUMN 4 (HR)
15. ANODE COLUMN 3 (G)
16. ANODE COLUMN 3 (HR)
17. CATHODE ROW 4
18. ANODE COLUMN 1 (G)
19. ANODE COLUMN 1 (HR)
20. CATHODE ROW 2

PINOUT 2

COLUMN CATHODE
PIN NO. FUNCTION

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

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.



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

All specifications subject to change.

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