

# 1.9" 8x8 Bi-Color Dot Matrix Display

## FEATURES

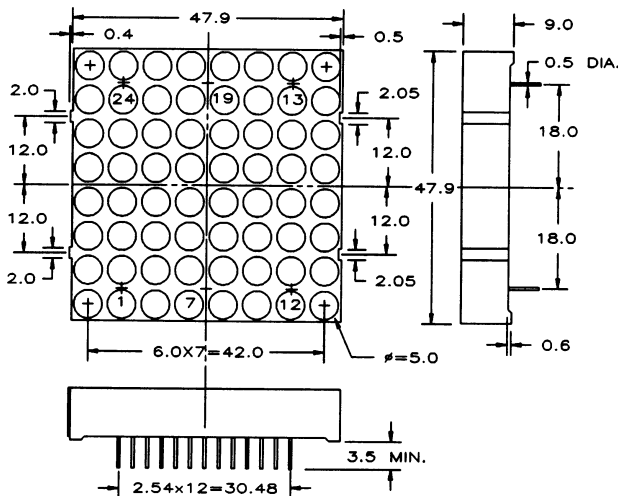
- 1.9" 8x8 bi-color dot matrix display
- Green and high-efficiency red
- Grey surface/white epoxy color

## 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(mcd)			
						typ.	max.	@mA	max.	@VR	typ. per dot	@mA		
MTAN6319-AHRG	(HR)	Hi-Eff Red	635	30	5	85	2.1	3.0	20	100	5	13.3	20	1
	(G)	Green	567	30	5	85	2.1	3.0	20	100	5	11.5	20	1
MTAN6419-CHRG	(HR)	Hi-Eff Red	635	30	5	85	2.1	3.0	20	100	5	13.3	20	2
	(G)	Green	567	30	5	85	2.1	3.0	20	100	5	11.5	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. CATHODE ROW 2
  2. ANODE COLUMN 2 (G)
  3. ANODE COLUMN 2 (HR)
  4. CATHODE ROW 4
  5. ANODE COLUMN 4 (G)
  6. ANODE COLUMN 4 (HR)
  7. CATHODE ROW 6
  8. ANODE COLUMN 6 (G)
  9. ANODE COLUMN 6 (HR)
  10. CATHODE ROW 8
  11. ANODE COLUMN 8 (G)
  12. ANODE COLUMN 8 (HR)
  13. CATHODE ROW 7
  14. ANODE COLUMN 7 (G)
  15. ANODE COLUMN 7 (HR)
  16. CATHODE ROW 5
  17. ANODE COLUMN 5 (G)
  18. ANODE COLUMN 5 (HR)
  19. CATHODE ROW 3
  20. ANODE COLUMN 3 (G)
  21. ANODE COLUMN 3 (HR)
  22. CATHODE ROW 1
  23. ANODE COLUMN 1 (G)
  24. ANODE COLUMN 1 (HR)

### PINOUT 2

- COLUMN CATHODE  
PIN NO. FUNCTION
1. ANODE ROW 2
  2. CATHODE COLUMN 2 (G)
  3. CATHODE COLUMN 2 (HR)
  4. ANODE ROW 4
  5. CATHODE COLUMN 4 (G)
  6. CATHODE COLUMN 4 (HR)
  7. ANODE ROW 6
  8. CATHODE COLUMN 6 (G)
  9. CATHODE COLUMN 6 (HR)
  10. ANODE ROW 8
  11. CATHODE COLUMN 8 (G)
  12. CATHODE COLUMN 8 (HR)
  13. ANODE ROW 7
  14. CATHODE COLUMN 7 (G)
  15. CATHODE COLUMN 7 (HR)
  16. ANODE ROW 5
  17. CATHODE COLUMN 5 (G)
  18. CATHODE COLUMN 5 (HR)
  19. ANODE ROW 3
  20. CATHODE COLUMN 3 (G)
  21. CATHODE COLUMN 3 (HR)
  22. ANODE ROW 1
  23. CATHODE COLUMN 1 (G)
  24. CATHODE COLUMN 1 (HR)

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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