Marktech 1.90" 8x8 Bi−Color Dot Matrix

Features

Additional Colors/Materials Available
Color Clear Encapsulation
Excellent Character Appearance
High Light Output
IC Compatible
Low Current Requirement
Other face/epoxy colors available

Applications

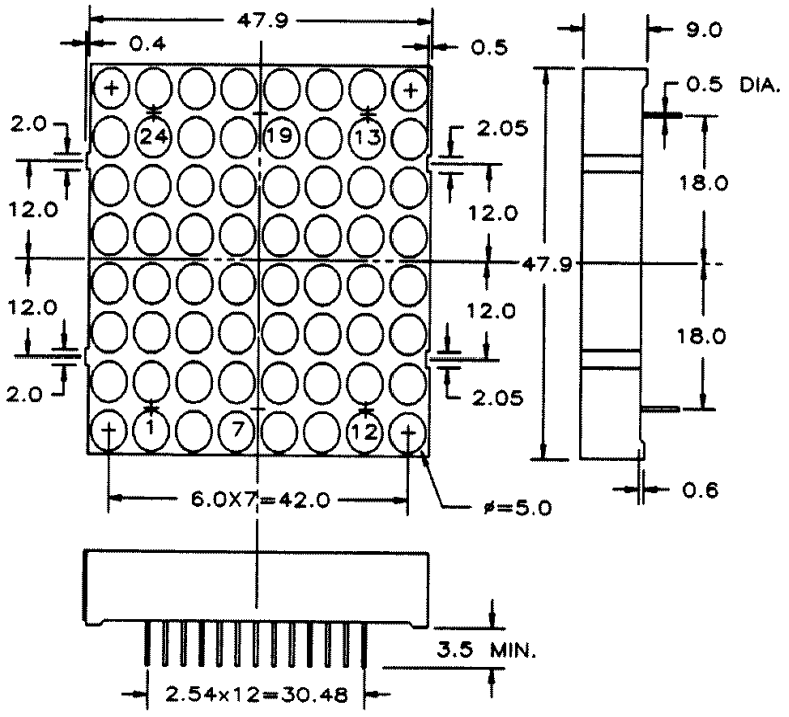
Message Signs
VMS

Notes

All Dimensions are in millimeters.
Tolerance is ±0.25mm unless otherwise stated.
The slope angle of any pin may be ±5.0° MAX.
Operating Temperature: −25 ~ +85
Storage Temperature: −25 ~ +100
Specifications subject to change without notice.

Part Number	PWL λp	Material	Emitted Color	Face Colors		Maximum Ratings			Optical and Electrical Characteristics							Pin Out
				Epoxy Color	Surface Color	IF	VR	PD	Forward Voltage VF			Reverse Current IR		Luminous Intensity IV		
									typ.	max.	IF@	max.	VR@	typ. dot	IF@	
MTAN6319−AHRG	635	GaAsP	HR	White	Grey	30	5.00	85.00	2.10	3.00	20mA	100	5V	13.30	20mA	1
	567	GaP	YG	White	Grey	30	5.00	85.00	2.10	3.00	20mA	100	5V	11.50	20mA	1
MTAN6419−CHRG	635	GaAsP	HR	White	Grey	30	5.00	85.00	2.10	3.00	20mA	100	5V	13.30	20mA	2
	567	GaP	YG	White	Grey	30	5.00	85.00	2.10	3.00	20mA	100	5V	11.50	20mA	2
Units	**nm**	–	–	–	–	**mA**	**V**	**mW**	**V**		–	**μA**	–	**mcd**	–	–

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)

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