

### 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

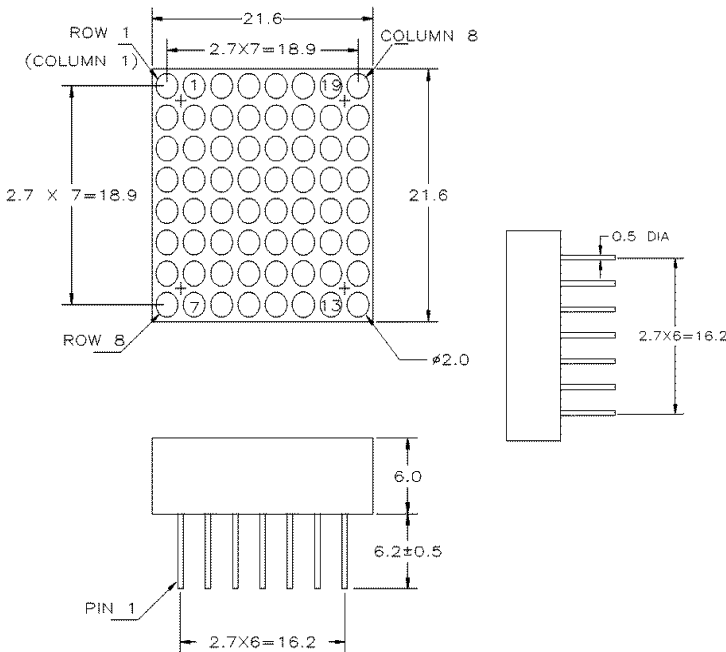
VMS  
 Message Signs

### Notes

All Dimensions are in millimeters.  
 Tolerance is  $\pm 0.25\text{mm}$  unless otherwise stated.  
 The slope angle of any pin may be  $\pm 5.0^\circ$  MAX.  
 Operating Temperature:  $-25 \sim +85$   
 Storage Temperature:  $-25 \sim +100$   
 Specifications subject to change without notice.

Part Number	PWL $\lambda_p$	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	
MTAN6385-AHRG	635	GaAsP	HR	White	Black	30	5.00	85.00	2.10	20mA	100	5V	7.40	20mA	1
	567	GaP	YG	White	Black	30	5.00	85.00	2.10		100	5V	6.50	20mA	1
MTAN6485-CHRG	635	GaAsP	HR	White	Black	30	5.00	85.00	2.10	20mA	100	5V	7.40	20mA	2
	567	GaP	YG	White	Black	30	5.00	85.00	2.10		100	5V	6.50	20mA	2
<b>Units</b>	<b>nm</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>mA</b>	<b>V</b>	<b>mW</b>	<b>V</b>	<b>-</b>	<b><math>\mu\text{A}</math></b>	<b>-</b>	<b>mcd</b>	<b>-</b>	<b>-</b>

### Package Dimensions and Pin Functions



#### PINOUT 1

##### COLUMN ANODE

##### PIN NO. FUNCTION

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

#### PINOUT 2

##### COLUMN CATHODE

##### PIN NO. FUNCTION

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