

### 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

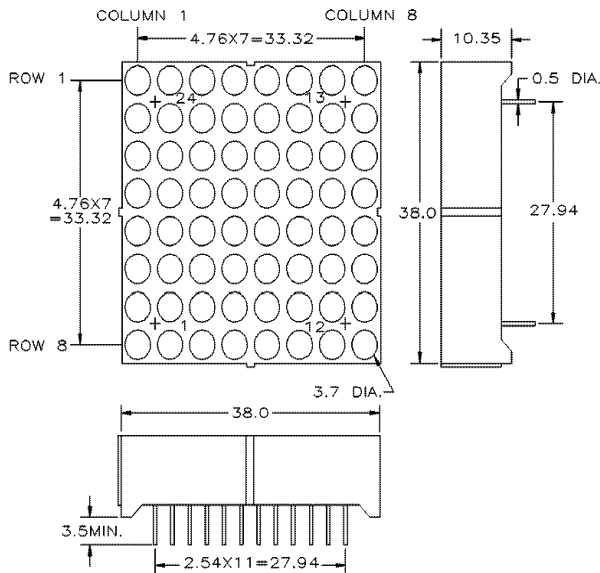
Message Signs  
 VMS

### Notes

All Dimensions are in millimeters.  
 Tolerance is  $\pm 0.25\text{mm}$  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		IF@
MTAN6315-AGHR	636	InGaAlP	UHR	White	Grey	30	5.00	90.00	2.10	3.00	20mA	100	5V	10.40	20mA	1A
	567	GaP	YG	White	Grey	30	5.00	90.00	2.10	3.00	20mA	100	5V	9.00	20mA	1A
MTAN6315-AHRG	567	GaP	YG	White	Grey	30	5.00	90.00	2.10	3.10	20mA	100	5V	9.00	20mA	2A
	636	InGaAlP	RMH	White	Grey	30	5.00	90.00	2.10	3.00	20mA	100	5V	10.40	20mA	2A
MTAN6415-CGHR	636	InGaAlP	UHR	White	Grey	30	5.00	90.00	2.10	3.00	20mA	100	5V	10.40	20mA	1B
	567	GaP	YG	White	Grey	30	5.00	90.00	2.10	3.00	20mA	100	5V	9.00	20mA	1B
MTAN6415-CHRG	567	GaP	YG	White	Grey	30	5.00	90.00	2.10	3.00	20mA	100	5V	9.00	20mA	2B
	636	InGaAlP	UHR	White	Grey	30	5.00	90.00	2.10	3.00	20mA	100	5V	10.40	20mA	2B
Units	nm	-	-	-	-	mA	V	mW	V	-	$\mu\text{A}$	-	mcd	-	-	

### Package Dimensions and Pin Functions



#### PINOUT 1A

CATHODE ROW

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

#### PINOUT 1B

ANODE ROW

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

#### PINOUT 2A

CATHODE ROW

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

#### PINOUT 2B

ANODE ROW

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