

TOA-L9423AMRsW-B4-B

Light Bar Display LED

Part Number	Chip		Face Color	Segment Color
	Material	Source Color		
TOA-L9423AMRsW-B4-B	AlGaInP	Ultrared	Black	White
	InGaN	White		

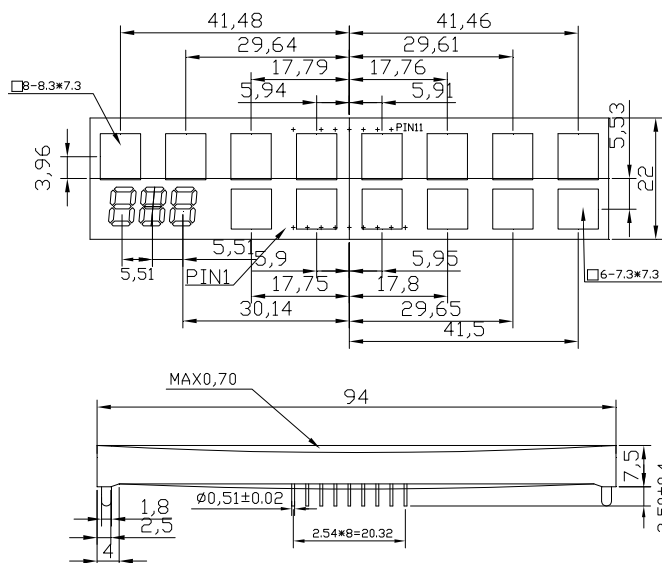
Features

- Light bar display
- Common cathoder
- I.C. compatible
- Low power requirement
- RoHS compliant

Applications

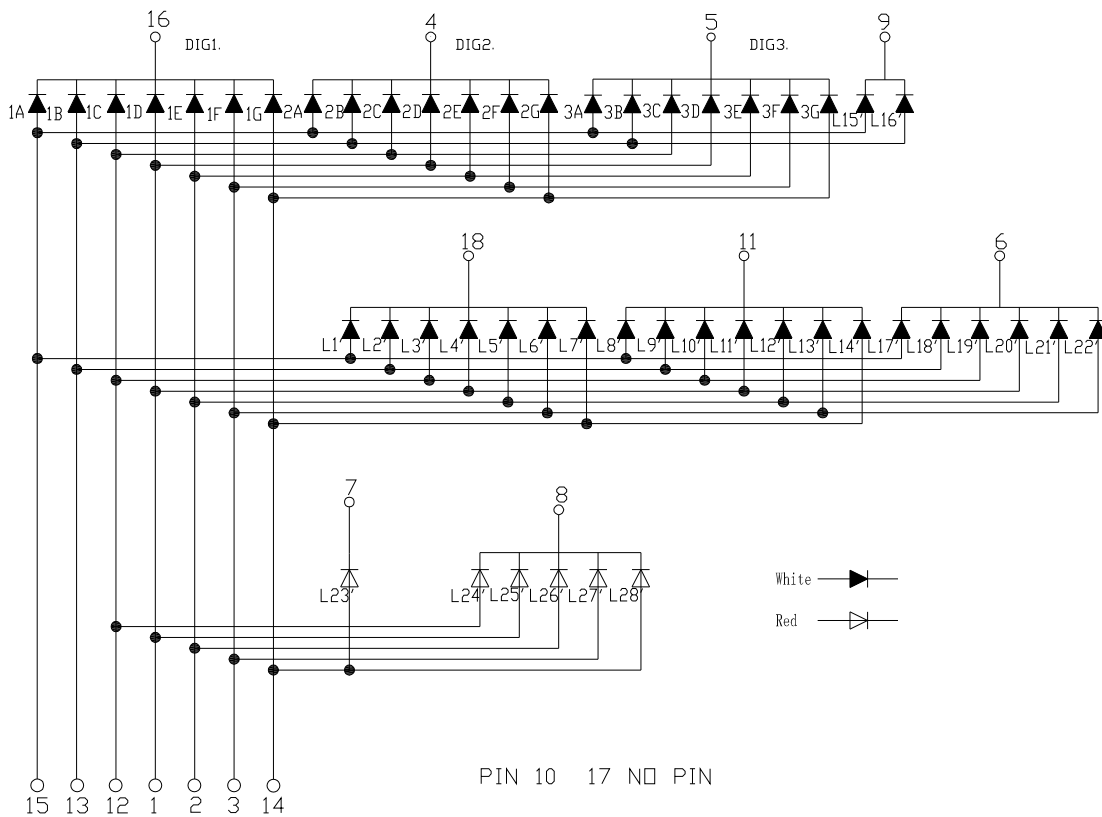
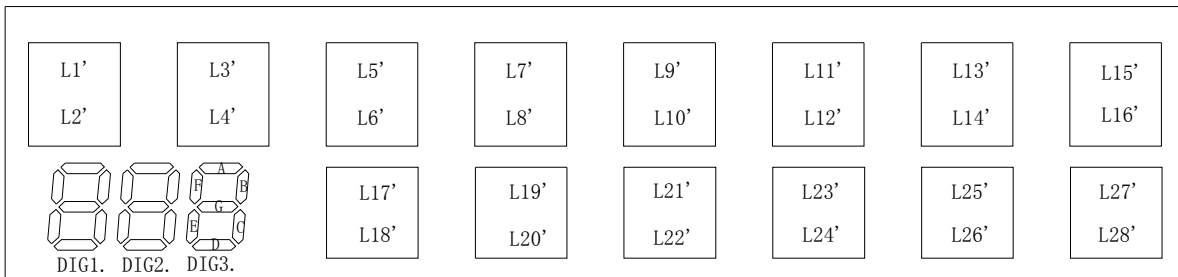
- Audio equipment
- Instrument panels
- Symbol display

Package Dimensions & Internal Circuit Diagram



Notes:

1. All dimensions are in millimeters, tolerance: ± 0.25 ; Angle: $\pm 0.1^\circ$ unless otherwise noted.
2. Specifications are subject to change without notice.



Absolute Maximum Rating @ Ta=25°C

Parameter	Maximum Rating		Unit
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	80		mA
Power Dissipation	MR	SW	mW
	75	105	
Continuous Forward Current	20		mA
Recommend Operating Current	12		mA
Reverse Voltage	5		V
Operating Temperature Range	-25°C to +85°C		
Storage Temperature Range	-30°C to +85°C		
Lead-Free Solder Temperature (1/16 Inch Below Seating Plane)	260°C for 3 Sec		

Electrical / Optical Characteristic @ Ta=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition	Grade
Dominant Wavelength(MR)	λ_d		630		nm	$I_F=20mA$	
Spectral Line Half-Width(MR)	$\Delta\lambda$		15		nm	$I_F=20mA$	
Forward Voltage(MR)	V_F	1.8	2.0	2.3	V	$I_F=20mA$	
Chromaticity Coordinates	X	0.256	0.285	0.310		$I_F=20mA$	
Chromaticity Coordinates	Y	0.260	0.295	0.330		$I_F=20mA$	
Reverse Current	I_R			100	μA	$V_R=5V$	
Luminous Intensity Matching Rate	lv-m			2.0:1		$I_F=20mA$	

The DISPLAYS should be kept at 30°C or less and 60%RH or less. The DISPLAYS should be used within one year.