

TOS-1106FMR-B

Single Digit Display LED

Part Number	Chip		Face Color	Segment Color
	Material	Source Color		
TOS-1106FMR-B	AlGaInP	Ultra-red	Black	White

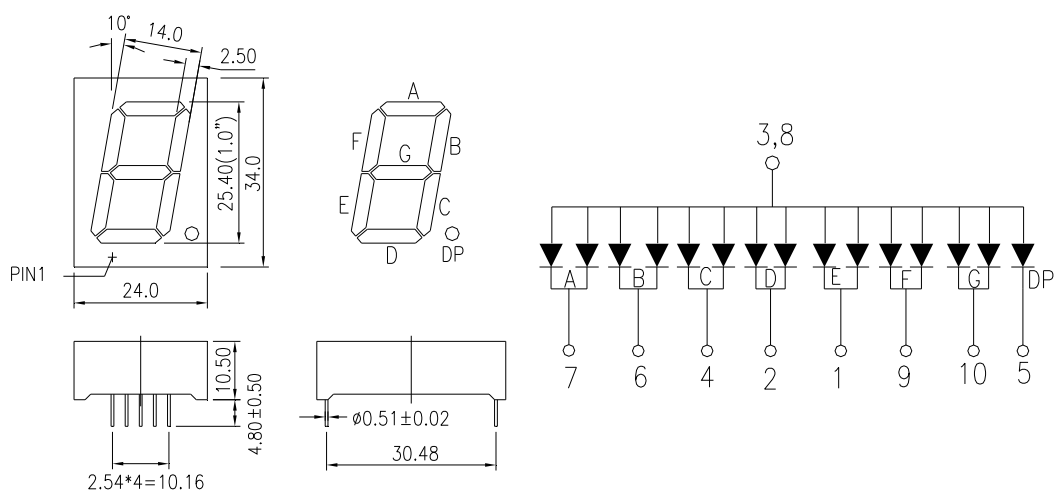
Features

- (1.00") 25.40mm digit height
- Common anode
- I.C. compatible
- Low power requirement
- RoHS compliant

Applications

- Audio equipment
- Instrument panels
- Digital read out 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) (Except DP)	160	mA
Power Dissipation (Except DP)	150	mW
Continuous Forward Current (Except DP)	40	mA
Recommend Operating Current (Except DP)	24	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
Luminous Intensity	I _v		21937		ucd	I _F =20mA	
Dominant Wavelength	λ _d		630		nm	I _F =40mA	
Spectral Line Half-Width	△λ		15		nm	I _F =40mA	
Forward Voltage(Except Dp)	V _F	1.8	2.0	2.3	V	I _F =40mA	
Reverse Current	I _R			50	μA	V _R =5V	
Luminous Intensity Matching Rate	I _v -m			2.0:1		I _F =40mA	