

High efficiency, single-digit numeric displays

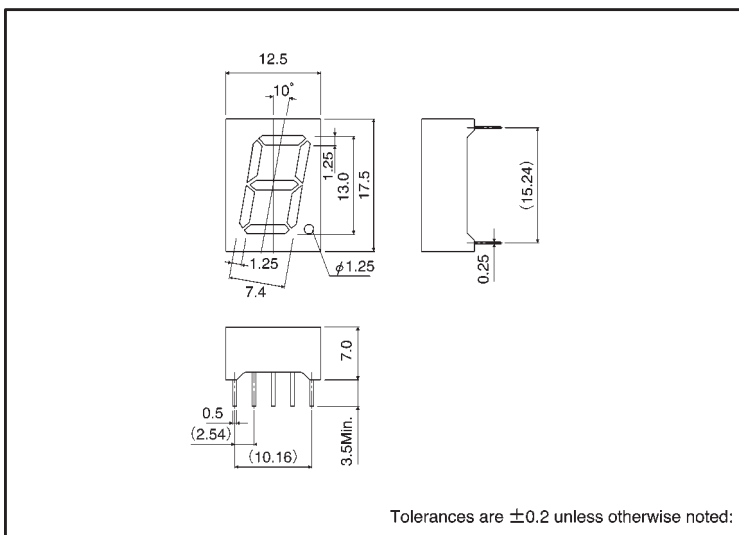
LA-501 DN Series

The LA-501 DN series were designed to meet the need for 13 mm single-digit numeric displays. These LED numeric displays use GaAsP on GaP for the emitting material (with the exception of green) and are housed in an epoxy resin package. They are single-digit displays with a character height of 13.0 mm.

●Features

- 1) Height of character : 13.0 mm.
- 2) Common anode and common cathode configurations are available for each color.
- 3) High-efficiency reflectors are used to achieve a bright, clear display.
- 4) The package surface is painted black and the segments are colored the display color.

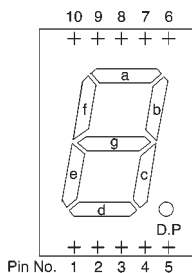
●External dimensions (Units: mm)



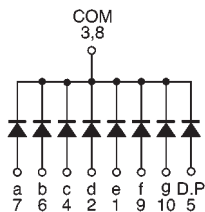
●Selection guide

Emitting color	Red	Orange	Green
Common			
Anode	LA-501VD	LA-501DD	LA-501MD
Cathode	LA-501VN	LA-501DN	LA-501MN

●Pin assignments



Pin No.	Function
1	Segment "e"
2	Segment "d"
3	Common
4	Segment "c"
5	D.P
6	Segment "b"
7	Segment "a"
8	Common
9	Segment "f"
10	Segment "g"



Parameter	Symbol	Red	Orange	Green	Unit
		LA-501VD / VN	LA-501DD / DN	LA-501MD / MN	
Power dissipation	P_D	480	480	480	mW
Power dissipation	P_D / seg	60	60	60	mW
Forward current	I_F	20	20	20	mA
Peak forward current	I_{FP}	60*	60*	60*	mA
Reverse voltage	V_R	5	5	5	V
Operating temperature	T_{opr}	-25~+75			°C
Storage temperature	T_{stg}	-30~+85			°C

* Pulse width 1ms duty 1 / 5