

LED LAMP ARRAYS

EVERLIGHT

T-41-31

LED LAMP ARRAYS 102B SERIES

MODEL NO. AND HOLDER LENGTH:

102B/ 5X: L=31.0mm

SELECTION GUIDE:

102B / 1H + 2Y + 2G

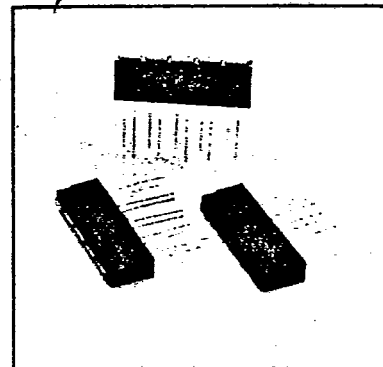
(From left to right as drawing)
No. of Lamps & Colors Combination

Color of Holder*

Model No.

Color of Holder: B(Black)

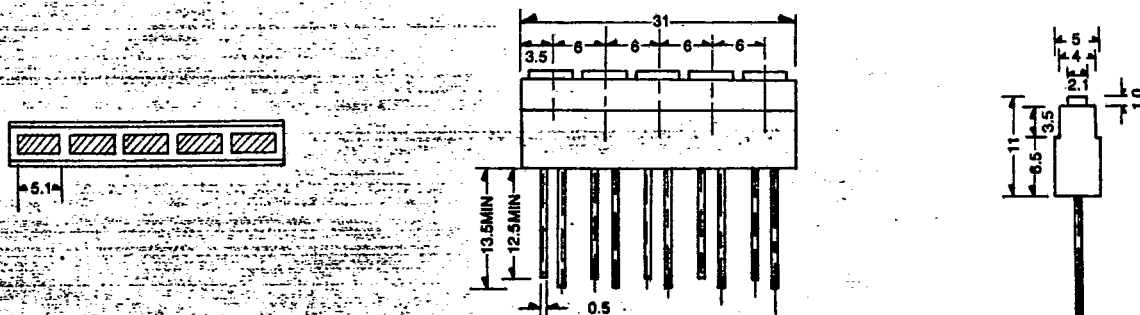
R Red (GaAsP)
H H-Efficiency Red (GaP)
I Improved Red (GaAsP/GaP)
G Green (GaP)
Y Yellow (GaAsP/GaP)
A Amber (GaAsP/GaP)
E Orange (GaAsP/GaP)



LAMP SPECIFICATIONS:

Lamp Size	Type No. and Remark (*)	Chip		Lens Color	Peak Wave Length λ_p (nm)	Absolute Maximum Ratings				Viewing Angle 2 $\theta_{1/2}$ (deg)	Electro-Optical Characteristics						
		Material	Emitted Color			$\Delta\lambda$ (nm)	P_o (mW)	I_f (mA)	Peak I_f (mA)		V_f (V)			Rec. I_f (mA)	I_v (mA)		
											Min.	Typ.	Max.		Min.	Typ.	I_f (mA)
20mm x 5.0mm Rectangular Type 0.5" Lead Length	512RD	GaAsP	Red	Color Diffused	655	40	110	40	200	124	1.5	1.7	2.0	10~20	0.2	0.4	10
	512HD **	GaP	Bright Red		697	90	45	15	50	124	1.7	2.1	2.8	5~10	0.3	0.5	10
	512ID	GaAsP/GaP	Hi-Eff Red		635	45	100	30	160	124	1.7	2.0	2.8	10~20	0.3	1.0	10
	512GD **	GaP	Green		565	30	100	30	160	124	1.7	2.1	2.8	10~20	0.3	1.0	10
	512YD	GaAsP/GaP	Yellow		585	35	85	20	160	124	1.7	2.0	2.8	10~20	0.3	1.0	10
	512AD	GaAsP/GaP	Yellow		600	35	85	20	160	124	1.7	2.0	2.8	10~20	0.3	1.0	10
	512ED	GaAsP/GaP	Orange		635	45	100	30	160	124	1.7	2.0	2.8	10~20	0.3	1.0	10

PACKAGE DIMENSIONS:



NOTE: 1. All dimensions are in millimeters

3. Protuded resin under flange 1.5 mm (0.059") Max.

5. All Tolerance is 0.25mm unless otherwise noted.

2. Lead spacing is measured where the leads emerge from the package.

4. L: the whole length of the holder