



Light Emitting Diodes

ROHM

LED Glass Sealed Package Type (Low-Voltage Regulators)

Type	Absolute maximum ratings(Ta=25℃)			Optical/electrical characteristics(Ta=25℃)									Emitting color	Package
	P ₀ (mW)	I _F (mA)	V _R (V)	V _F (V)		I _R (μA) Max.	V _R (V)	Δλ (nm) Typ.	λ _P (nm) Typ.	I _F (mA DC)	I _F (mA DC)			
				Min.	Max.									
LTZ-MR15	25	10	5	1.70	2.30	10	10	4	90	10	700	10	Red	Fig.1
LTZ-MG15	25	10	5	1.70	2.30	10	10	4	40	10	565	10	Green	Fig.1
LTZ-R15	25	10	5	1.70	2.30	10	10	4	90	10	700	10	Red	Fig.2
LTZ-G15	25	10	5	1.70	2.30	10	10	4	40	10	565	10	Green	Fig.2

Dimensions (Unit : mm)

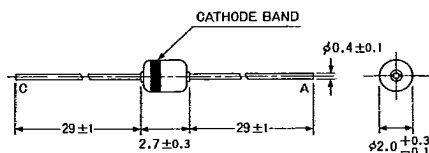
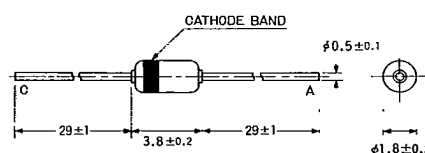


Fig. 1 Glass sealed mini-package JEDEC: DO-34

Fig. 2 Glass sealed package JEDEC: DO-35
EIAJ: SC-40

LED Numeric Displays

Our numeric display products are available in a single, two, three, four, and five digit displays, each of which includes diverse colors and shapes (or sizes). Particularly for the single-digit product, we offer the FP Series for which terminals are arranged at the top and bottom of each cell, to make mounting design easier.

The GaAlAs high-luminance, single-digit display, LA-221LR, has now been added to our product line to meet increasingly diverse customer needs. And based on the LB series, we offer semicustomized products to accommodate any number of digit places.

LED Numeric Displays

Package	Color	Common Electrode	Decimal Point	Minimum Luminous Intensity Per Digit @ 10mA	CROSS REFERENCE		
					ROHM Part Number	General Instrument Part Number	Hewlett-Packard Part Number
.3" Single Digit    (Fig. 1)	Red	Anode	Right	0.68 mcd	LA-71	MAN71A	5082-7731
		Anode	Left	—	LA-72	MAN72A	5082-7730
		Cathode	Right	—	LA-74	MAN74A	—
		Cathode	Right	—	LA-78	MAN78A	5082-7740
	High-Eff. Red	Anode	Right	1.6 mcd	LA-3910	MAN3910	5082-7611
		Anode	Left	—	LA-3920	MAN3920	5082-7610
		Cathode	Right	—	LA-3940	MAN3940	—
		Cathode	Right	—	LA-3980	MAN3980	5082-7613
	Orange	Anode	Right	1.5 mcd	LA-3610	MAN3610	—
		Anode	Left	—	LA-3620	MAN3620	—
		Cathode	Right	—	LA-3640	MAN3640	—
		Cathode	Right	—	LA-3680	MAN3680	—
	Yellow	Anode	Right	1.0 mcd	LA-3810	MAN3810	5082-7621
		Anode	Left	—	LA-3820	MAN3820	5082-7620
		Cathode	Right	—	LA-3840	MAN3840	—
		Cathode	Right	—	LA-3880	MAN3880	5082-7623
	Green	Anode	Right	2.2 mcd	LA-3410	MAN51A	5082-7631
		Anode	Left	—	LA-3420	MAN52A	5082-7630
		Cathode	Right	—	LA-3440	MAN54A	—
		Cathode	Right	—	LA-3480	MAN58A	5082-7633
.3" ±1 Overflow  (Fig. 2)	Red	Anode	—	0.68 mcd	LA-73	MAN73A	—
	High-Eff. Red	Anode	—	1.6 mcd	LA-3930	MAN3930	—
	Orange	Anode	—	1.5 mcd	LA-3630	MAN3630	—
	Yellow	Anode	—	1.0 mcd	LA-3830	MAN3830	—
	Green	Anode	—	2.2 mcd	LA-3430	MAN53A	—

LED Numeric Displays

Package	Color	Common Electrode	Decimal Point	Minimum Luminous Intensity Per Digit @ 10mA	CROSS REFERENCE			
					ROHM Part Number	Fairchild Part Number	General Instrument Part Number	Hewlett-Packard Part Number
.56" Single Digit  (Fig. 3)	Red	Anode	Right	0.68 mcd	LA-6760	FND567/FND507	MAN6760	HDSP-5301
		Cathode	Right	—	LA-6780	FND560/FND500	MAN6780	HDSP-5303
	High-Eff. Red	Anode	Right	1.6 mcd	LA-6960	FND557	MAN6960	HDSP-5501
		Cathode	Right	—	LA-6980	FND550	MAN6980	HDSP-5503