

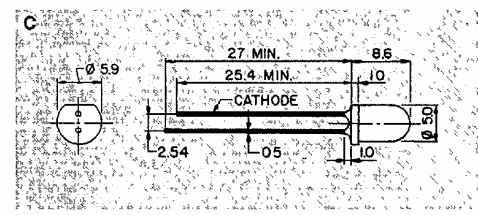
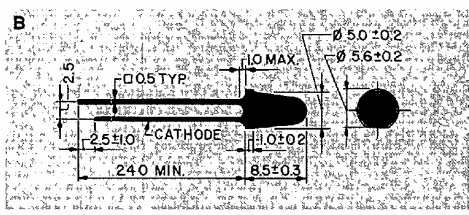
T-1^{3/4} Diffused LEDs (Very Bright)

Line No.	LED No.	Lens	Luminous Intensity at 20mA		Viewing Angle	Forward Voltage at 20mA		Reverse Current (V _R =4.0V)	Peak Wave Length at 20mA	Drawing	
			Minimum	Typical		Typical	Maximum				
RED	1	E118	Diffused	36mcd	100mcd	55°	2.1V	3.0V	10μA	650nm	A
ORANGE	2	E119	Diffused	36mcd	100mcd	55°	2.1V	3.0V	10μA	610nm	A
	3	E120	Diffused	36mcd	100mcd	55°	2.2V	3.0V	10μA	585nm	A
GREEN	4	E121	Diffused	36mcd	100mcd	55°	2.2V	3.0V	10μA	563nm	A

Absolute Maximum Ratings (Ta = 25°C)

Power dissipation	75mW
Continuous forward current	25mA
Reverse voltage	3.0V
Operating temperature	-25°C +85°C
Storage temperature	-30°C +100°C

Maximum lead soldering temperature (5mm from body) 260°C for 5 seconds.



T-1^{3/4} LEDs (Ultra Bright)

Line No.	LED No.	Lens	Luminous Intensity at 20mA		Viewing Angle	Forward Voltage at 20mA		Reverse Current (V _R =4.0V)	Peak Wave Length at 20mA	Drawing	
			Minimum	Typical		Typical	Maximum				
RED	5	E280	Clear	300mcd	500mcd	25°	1.8V	2.5V	10μA	660nm	B
RED	6	E282	Clear	700mcd	1000mcd	25°	1.8V	2.5V	10μA	660nm	B
RED	7	E284	Clear	2000mcd	3000mcd	25°	1.8V	2.5V	10μA	660nm	B
RED	8	E180	Clear	300mcd	500mcd	40°	1.8V	2.2V	10μA	660nm	C
RED	9	E181	Clear	500mcd	1000mcd	40°	1.8V	2.2V	10μA	660nm	C
RED	10	E183	Clear	1000mcd	2000mcd	40°	1.8V	2.2V	10μA	660nm	C
RED	11	E184	Clear	2000mcd	3000mcd	40°	1.8V	2.2V	10μA	660nm	C
	12	E195	Trans	400mcd	800mcd	30°	1.8V	2.3V	50μA	590nm	C

Absolute Maximum Ratings (Ta = 25°C)

	E280-E284	E180-E184	E195
Power dissipation	100mW	100mW	125mW
Continuous forward current	30mA	30mA	50mA
Reverse voltage	4.0V	4.0V	4.0V
Operating temperature	-25°C +85°C	-40°C +80°C	-30°C +85°C
Storage temperature	-50°C +100°C	-40°C +80°C	-40°C +100°C

Maximum lead soldering temperature (5mm from body) 260°C for 5 seconds