

T-1 Bi-Color LEDs (Two Leads)

	Line No.	LED No.	Lens	Luminous Intensity at 20mA		Viewing Angle	Forward Voltage at 20mA		Reverse Current (V _R =5.0V)	Peak Wave Length at 20mA	Drawing
				Minimum	Typical		Typical	Maximum			
RED & GREEN	1	E207	Milky White	5mcd	12.5mcd	100°	2.0V	2.5V	10μA	625nm	A
RED & YELLOW	2	E208	Milky White	5mcd	12.5mcd	100°	2.0V	2.5V	10μA	625nm	B
GREEN & YELLOW	3	E209	Milky White	5mcd	12.5mcd	100°	2.2V	2.5V	10μA	565nm	C

Absolute Maximum Ratings (Ta = 25°C)

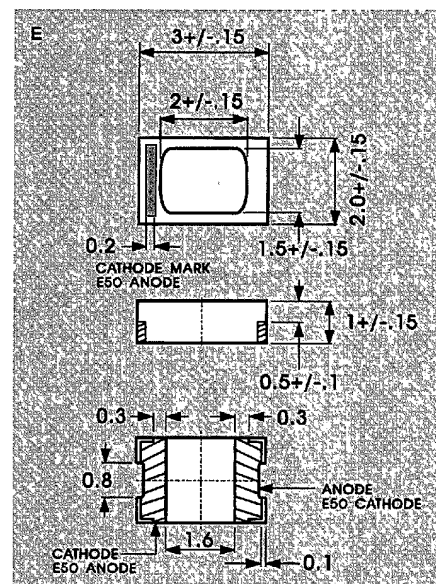
Power dissipation	105mW
Continuous forward current	25mA
Reverse voltage	5.0V
Operating & storage temperature	-50°C +100°C

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

Spacers for T-1, T-1^{3/4}, Right Angle, Square & Rectangular LEDs

Line No.	Spacer No.	Length (L)	Material	Drawing
4	SP3T	3 mm (.118)	Black PVC	D
5	SP4T	4 mm (.157)	Black PVC	D
6	SP5T	5 mm (.197)	Black PVC	D
7	SP6T	6 mm (.236)	Black PVC	D
8	SP7T	7 mm (.276)	Black PVC	D
9	SP9T	9 mm (.354)	Black PVC	D
10	SP12T	12 mm (.472)	Black PVC	D
11	SP15T	15 mm (.590)	Black PVC	D

Maximum soldering time: 3 seconds.



Surface Mount LEDs, Ceramic Package

	Line No.	LED No.	Lens	Luminous Intensity at 20mA		Viewing Angle	Forward Voltage at 20mA		Junction Capacities (V _R =0 f=1MHz)	Peak Wave Length at 20mA	Drawing
				Minimum	Typical		Typical	Maximum			
ULTRA BRIGHT RED	12	E50	Translucent	50mcd	80mcd	90°	1.85V	2.5V	95pF	660nm	E
HIGH EFFICIENCY RED	13	E51	Translucent	12.5mcd	20mcd	90°	2.0V	2.5V	12pF	625nm	E
YELLOW	14	E52	Translucent	5mcd	20mcd	90°	2.1V	2.5V	10pF	590nm	E
GREEN	15	E53	Translucent	12.5mcd	20mcd	90°	2.2V	2.5V	45pF	565nm	E

Absolute Maximum Ratings (Ta = 25°C)

Power dissipation	105mW
Continuous forward current	30mA
Reverse voltage	5.0V
Operating temperature	-40°C +85°C
Reverse current (V _R = 3.0V)	10μA

Gilway
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