



3mm & 5mm SQUARE LEDs

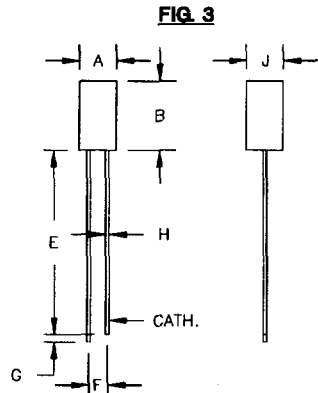
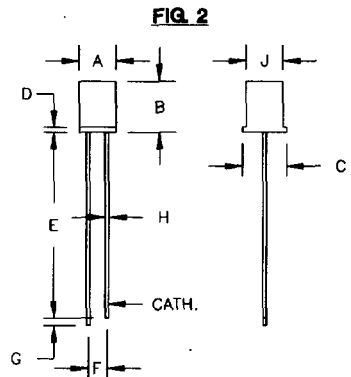
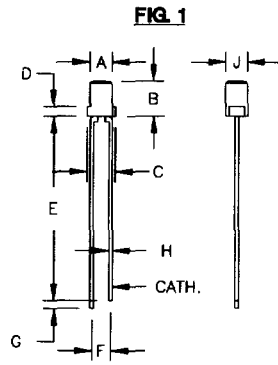
SL120, SL190 & SL200 RED/YELLOW/GREEN/BLUE

LEDTRONICS PART NO.	LED COLOR	Topr/ Tstg (see notes)	ABSOLUTE MAX. RATINGS Ta=25°C				ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C						FIGURE
			Pd mW	Ifp mA	If mA	Vr V	If mA typ	Iv mcd min/typ	Vf typ/max	VIEW ANGLE	IrMAX μA	λ.P nm	
0.120" x 0.120" (3 x 3mm) TI SQUARE LED, DIFFUSED LENS													
SL120R3	HI-EFF. RED	1/2	100	120	30	5	10	0.4/1.5	2.0/2.8	120	100	635	1
SL120Y3	YELLOW	1/2	60	80	20	5	10	0.4/1.4	2.1/2.8	120	100	585	1
SL120G3	GREEN	1/2	100	120	30	5	10	0.4/1.8	2.1/2.8	120	100	565	1
0.200" (5mm) SQUARE LED, DIFFUSED LENS, LOW PROFILE 0.276"													
SL190R2	GaP RED	1/2	40	60	15	5	10	0.2/0.7	2.1/2.8	120	100	700	2
SL190R3	HI-EFF. RED	1/2	100	120	30	5	10	0.3/1.0	2.0/2.8	120	100	635	2
SL190Y3	YELLOW	1/2	60	80	20	5	10	0.4/1.5	2.1/2.8	120	100	585	2
SL190G3	GREEN	1/2	100	120	30	5	10	0.4/1.3	2.1/2.8	120	100	565	2
SL190TW85	BLUE	1/2	200	300	50	5	30	0.2/0.3	3.2/3.7	150	100	470	2
0.200" (5mm) SQUARE LED, DIFFUSED LENS, STD. HEIGHT 0.374"													
SL200R3	HI-EFF. RED	1/2	100	120	30	5	10	0.3/1.0	2.0/2.8	120	100	635	3
SL200Y3	YELLOW	1/2	60	80	20	5	10	0.4/1.5	2.1/2.8	120	100	585	3
SL200G3	GREEN	1/2	100	120	30	5	10	0.4/1.3	2.2/2.8	120	100	565	3

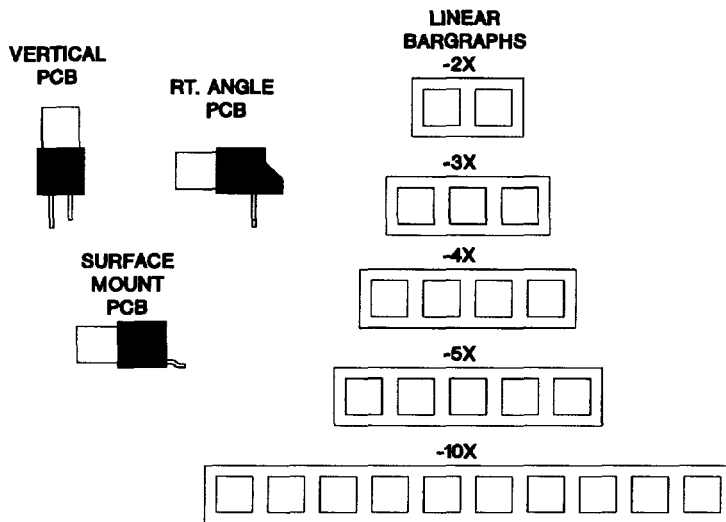
Topr notes: 1.) -20°C TO +80°C Tstg notes: 2.) -55°C TO +100°C
 Jctn/Cath Temp. 145°C/Watt Lead Soldering Temp. 260°C max., 5 sec. 1/16" (1.6mm) from body

SPECIALS

- GaAlAs ULTRA RED, 605nm PURE ORANGE & 658nm PURE GREEN LEDs
- BICOLOR AND TRICOLOR LEDs
- BLINKING/FLASHING LEDs
- INTEGRATED RESISTOR LEDs



PACKAGES AVAILABLE



MECHANICAL SPECIFICATIONS

Tol: .XXX=.005", .XX=.010"

FIG	"A" (mm)	"B" (mm)	"C" (mm)	"D" (mm)	"E" (mm)	"F" (mm)	"G" (mm)	"H" (mm)	"J" (mm)
1	.118 3(mm)	.189 4.8(mm)	.150 3.8(mm)	.051 1.3(mm)	1.00 25.4(mm)	.100 2.5(mm)	.04 1(mm)	.020 .5(mm)	.118 3(mm)
2	.196 5(mm)	.276 7(mm)	.236 6(mm)	.028 .7(mm)	1.00 25.4(mm)	.100 2.5(mm)	.04 1(mm)	.020 .5(mm)	.196 5(mm)
3	.196 5(mm)	.374 9.5(mm)	—	—	1.00 25.4(mm)	.100 2.5(mm)	.04 1(mm)	.020 .5(mm)	.196 5(mm)