

LED®



TRI-COLOR RECTANGULAR LEDs

3 LEAD, RED/YELLOW/GREEN

LEDTRONICS PART NO.	LED COLOR	T _{opr} /T _{stg} (see notes)	ABSOLUTE MAX. RATINGS T _a =25°C				ELECTRO-OPTICAL CHARACTERISTICS T _a =25°C						FIGURE
			P _d mW	I _f mA	I _f mA	V _r V	I _f mA typ	I _v mod min/typ	V _f typ/max	VIEW ANGLE	I _r MAX μA	λ _p nm	
2 x 5mm RECTANGULAR TRICOLOR, 3 LEAD, .050 SPACING RED/GREEN													
RL275TWRG4B- 3C	HI-EFF RED	1/2	100	120	30	5	20	1.2/2.5	2.0/2.8	125	100	635	5
	GREEN		100	120	30	5	20	1.2/2.5	2.1/2.8	125	100	568	
RL280TWRG4H- 3C/05	HI-EFF RED	1/2	100	120	30	5	20	1.2/2.5	2.0/2.8	100	100	635	1
	GREEN		100	120	30	5	20	1.2/2.5	2.1/2.8	100	100	568	
RL290TWRG4B- 3C	HI-EFF RED	1/2	100	120	30	5	20	1.2/2.5	2.0/2.8	125	100	635	6
	GREEN		100	120	30	5	20	1.2/2.5	2.1/2.8	125	100	568	
2.5 x 5mm RECT. TRICOLOR 3 LEAD, COM. CATHODE RED/GREEN													
RL210TWRG3- 3C/05	HI-EFF RED	1/2	100	120	30	5	20	1.2/2.5	2.0/2.8	100	100	635	2
	GREEN		100	120	30	5	20	1.2/2.5	2.1/2.8	100	100	568	
2.5 x 7mm RECT. TRICOLOR, 3 LEAD COM. CATHODE RED/GREEN													
RL310TWRG4B- 3C	HI-EFF RED	1/2	100	120	30	5	20	1.2/2.5	2.0/2.8	125	100	635	3
	GREEN		100	120	30	5	20	1.2/2.5	2.1/2.8	125	100	568	
T1 (3mm) CYLINDRICAL TRICOLOR, 3 LEAD COM. CATHODE RED/GREEN													
CL120TWRG3- 3C	HI-EFF RED	1/2	75	100	30	4	20	2.0/4.0	2.0/2.5	100	100	630	4
	GREEN		75	100	30	4	20	2.0/4.0	2.1/2.5	100	100	560	

T_{opr} notes: 1.) -40°C TO +85°C 2.) -40°C TO +100°C

T_{stg} notes: 1.) -40°C TO +85°C 2.) -40°C TO +100°C
Jctn/Cath Temp. 145°C/Watt
Lead Soldering Temp. 260°C max., 5 sec.
1/16" (1.6mm) from body

FIG. 1

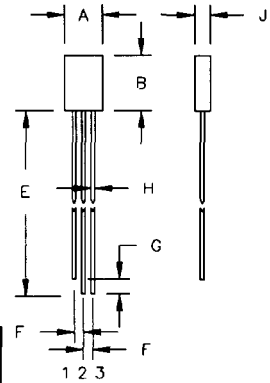


FIG. 2

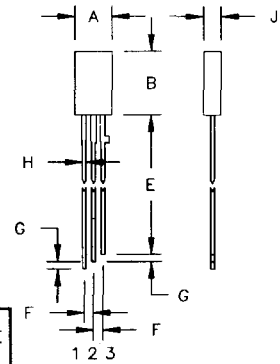


FIG. 3

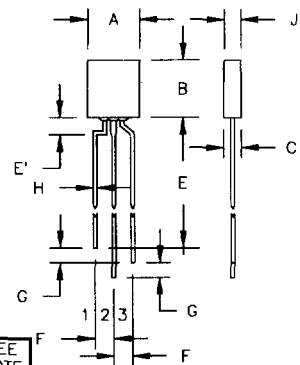


FIG. 4

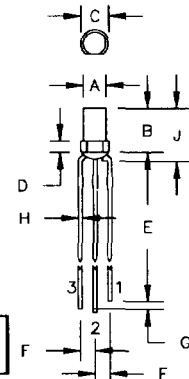


FIG. 5

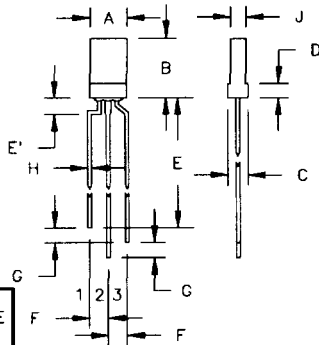


FIG. 6

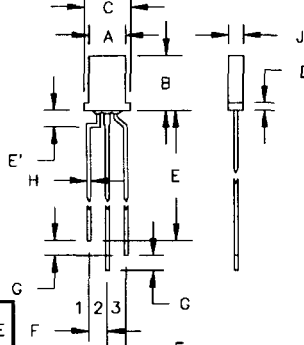


FIG	"A" (mm)	"B" (mm)	"C" (mm)	"D" (mm)	"E" TYP. (mm)	"F" (mm)	"G" NOM. (mm)	"H" SQ. (mm)	"J" (mm)
1	.197 5(mm)	.340 8.6(mm)	—	—	1.00 25.4(mm)	.050 1.3(mm)	.04 1(mm)	.020 .5(mm)	—
2	.200 5.1(mm)	.300 7.6(mm)	—	—	1.00 25.4(mm)	.050 1.3(mm)	.08 2(mm)	.020 .5(mm)	—
3	.276 7(mm)	.310 7.9(mm)	.098 2.5(mm)	—	1.00 25.4(mm)	.100 2.5(mm)	.08 2(mm)	.020 .5(mm)	.091 2.3(mm)
4	.122 3.1(mm)	.236 6(mm)	—	—	1.00 25.4(mm)	.079 2(mm)	.04 1(mm)	.020 .5(mm)	.287 7.3(mm)
5	.204 5.2(mm)	.320 8.1(mm)	.155 3.9(mm)	.076 1.9(mm)	1.00 25.4(mm)	.100 2.5(mm)	.08 2(mm)	.020 .5(mm)	.074 1.9(mm)
6	.197 5(mm)	.256 6.5(mm)	.250 6.4(mm)	.040 1(mm)	1.00 25.4(mm)	.100 2.5(mm)	.08 2(mm)	.020 .5(mm)	.080 2(mm)

NOTES:

- E' = .090" (2.3mm).
- PROTRUDED RESIN UNDER FLANGE IS .059" (1.5mm).
- LEAD 1 = RED ANODE, LEAD 2 = COMMON CATHODE, LEAD 3 = GREEN ANODE