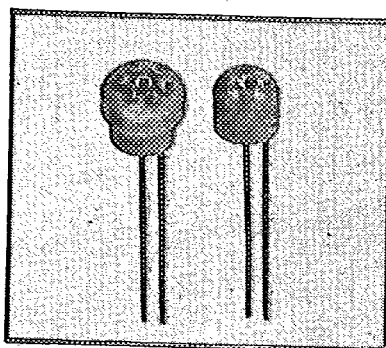


MULTI-CHIP (4 & 6 CHIP) LEDs

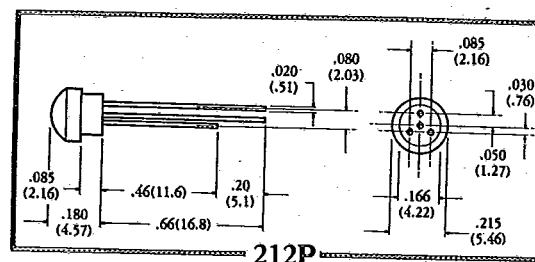
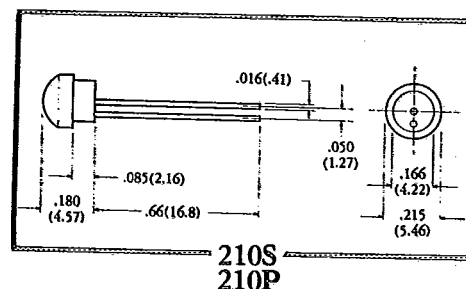
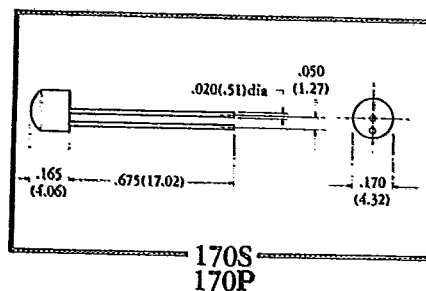
FEATURES

T-41-25

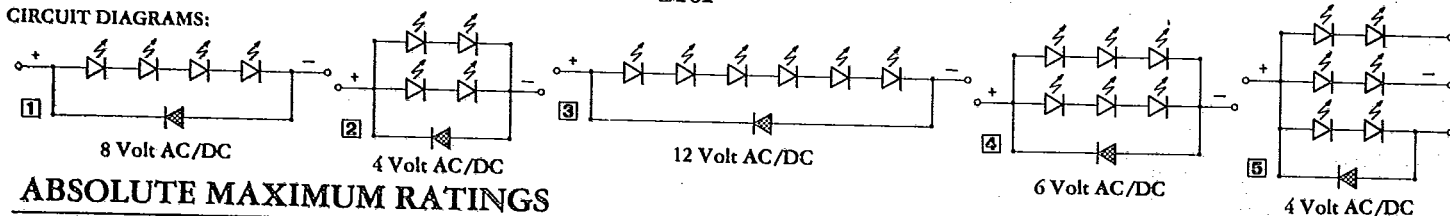


- Colors: Red, Green, Amber
- High Intensity
- Series & Parallel Configurations
- Wide Viewing Angle 160°
- Reverse Bias Protected

MECHANICAL DATA



CIRCUIT DIAGRAMS:



ABSOLUTE MAXIMUM RATINGS

PARAMETERS (TA=25°C)/MODEL NUMBER	170S	170P	210S	210P	212P
POWER DISSIPATION (mW)	250	250	500	500	500
MAXIMUM CONTINUOUS CURRENT (mA)	25	50	25	50	75
PEAK FORWARD CURRENT 5% DUTY CYCLE (mA)	40	80	40	80	120
OPERATING & STORAGE TEMPERATURE (°C)	-25/+75	-25/+75	-25/+75	-25/+75	-25/+75

LED Soldering Temperature 1/16" Below Package Base For 5 Sec = 260°C

All dimensions are in inches (mm)
Tolerances: .xx"(.x) ± .025"(.63), .xxx"(.xx) ± .010"(.25)
Specifications are subject to change without notice.

TOLERANCES

ELECTRO-OPTICAL DATA

MODEL NUMBER	COLOR CODE/LUMINOUS INTENSITY I_v (mcd) at 25°C						CURRENT (mA)	CIRCUIT DIAGRAM
	Red	Fwd. Voltage(V)	Green	Fwd. Voltage (V)	Amber	Fwd. Voltage (V)		
170S	R-4/25	7.7	G-4/30	8.1	A-4/22	8.1	18	1
170P	R-4/25	3.8	G-4/30	4.0	A-4/22	3.9	35	2
210S	R-6/50	11.5	G-6/60	12.0	A-6/40	11.5	18	3
210P	R-6/50	5.8	G-6/60	6.0	A-6/40	5.8	35	4
212P	R-6/50	3.9	G-6/60	4.1	A-6/40	3.9	55	5

PEAK WAVELENGTH (nm): RED (630), GREEN (565), AMBER (580)

VIEWING ANGLE 20°: 160°

ORDERING INFORMATION

MODEL NUMBER

COLOR CODE

Refer to Electro-Optical Table Above

