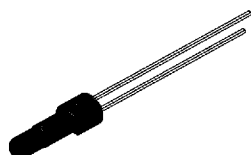
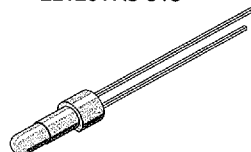


Features

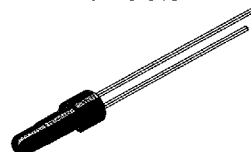
- Rugged one piece LED body eliminates need for additional spacer
- Major cost savings over traditional LED + spacer
- High intensity/low power
- Long life / 100,000+ hours
- Solid-State, high shock/vibration resistant
- Fast turn on/off time
I.C. compatible
- Available in standard and special colors
- Diffused lens standard
Clear illuminator optional
- Single color or Bicolor configurations



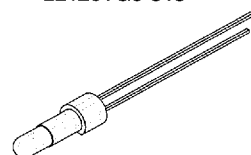
LL120TR5-515



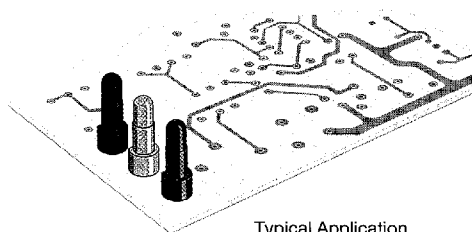
LL120TY5-515



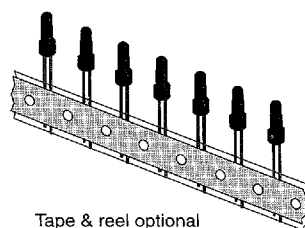
LL120TG5-515



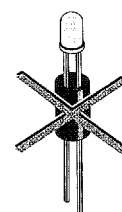
Bicolor



Typical Application



Tape & reel optional



No separate spacer required

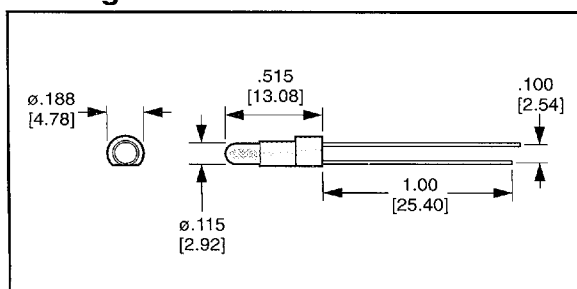
Applications

- Circuit status/logic status fault indicator
- PCB mounted status panel indicator
- Indicators for telecom/comm /networking

General Specifications

- Standard colors: Hi-eff Red, Yellow, Hi-eff Green
Bicolor Yellow/Green, Red/Green
- Special colors*: UL Red, UL Orange, UL Yellow, Amber, Pure Green, Blue
- Standard lens: Diffused
Special: Tinted or waterclear

Package Dimensions



*Consult factory for part number

Part Selection

Part Number	Color	Lens Type/ Color	Electrical-Optical Characteristics (Ta = 25°C)				Viewing Angle 2θ _{1/2}
			If = mA typ	Iv mod typ	Vf = V typ/max	λP nm	
LL120TR5-515	RED ●	DIF. RED	20	18	2.1/2.6	635	40°
LL120TY5-515	YELLOW ○	DIF. YEL	20	18	2.2/2.8	585	40°
LL120TG5-515	GREEN ●	DIF. GRN	20	18	2.2/2.8	568	40°
LL120TWYG4-515	YELLOW ○	MILKY	20	10	2.2/2.8	585	40°
	GREEN ●	WHITE	20	10	2.2/2.8	568	40°
LL120TWRG4-515	RED ●	MILKY	20	10	2.2/2.6	635	40°
	GREEN ●	WHITE	20	10	2.2/2.8	568	40°