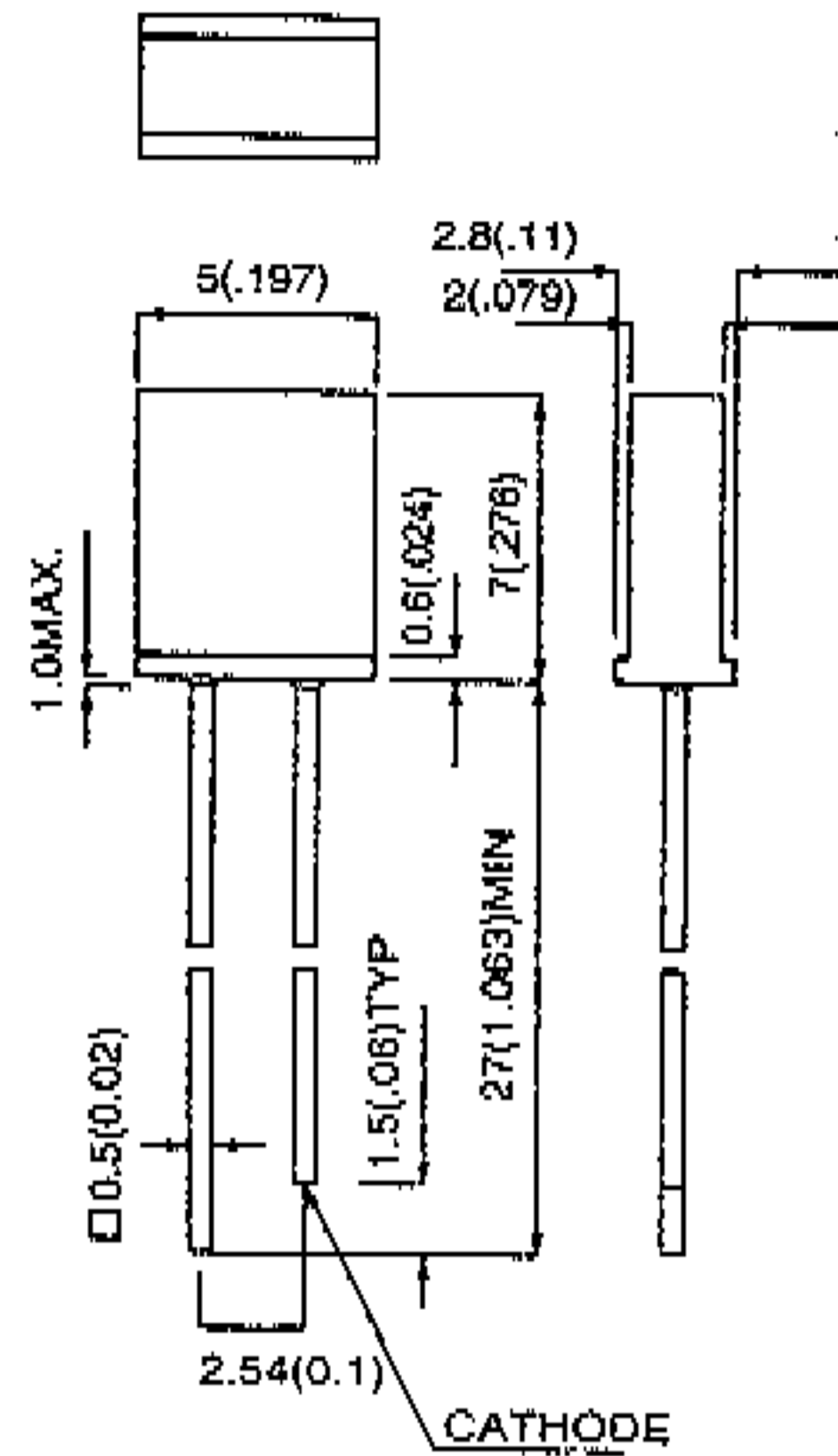


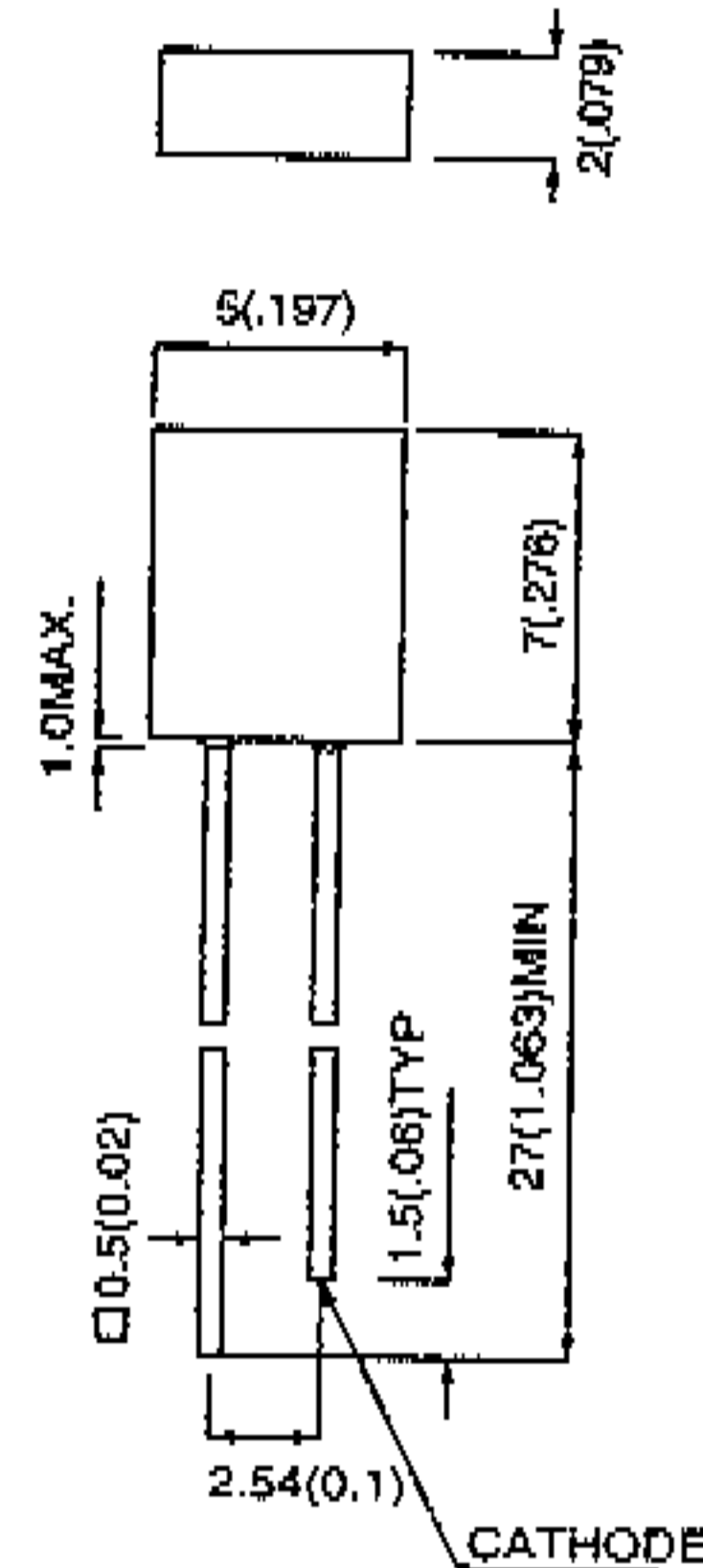
LEDs



• Figure 22



• Figure 23



Tolerance: ±0.25 (0.01)
Unit: mm (inch)

Type	Part Number	Emitting Color	Emitting Material	Lens-color	Wave Length (nm)	Luminous Intensity IF=10mA (mcd)		Figure No.
						Min.	Max.	
Rectangular 2x5mm	TTL-200R53PD-24	Red	GaP	Red Diffused	700	0.5	- 2.0	22
	TTL-200R53HD-24	Red	GaAsP/GaP	Red Diffused	625	3.2	- 12.5	
	TTL-200O53HD-24	Orange	GaAsP/GaP	Orange Diffused	625	3.2	- 12.5	
	TTL-200G53HD-24	Green	GaP	Green Diffused	565	2.0	- 8.0	
	TTL-200Y53HD-24	Yellow	GaAsP/GaP	Yellow Diffused	590	2.0	- 8.0	
Rectangular 2x5mm	TTL-200R53PD-25	Red	GaP	Red Diffused	700	0.5	- 2.0	23
	TTL-200R53HD-25	Red	GaAsP/GaP	Red Diffused	625	3.2	- 12.5	
	TTL-200O53HD-25	Orange	GaAsP/GaP	Orange Diffused	625	3.2	- 12.5	
	TTL-200G53HD-25	Green	GaP	Green Diffused	565	2.0	- 8.0	
	TTL-200Y53HD-25	Yellow	GaAsP/GaP	Yellow Diffused	590	2.0	- 8.0	
	TTL-200R53HW-25	Red	GaAsP/As	White Diffused	660	*30.0	- 70.0	
	TTL-200G53HW-25	Green	GaP	White Diffused	565	*8.0	- 20.0	

* IF = 20MA