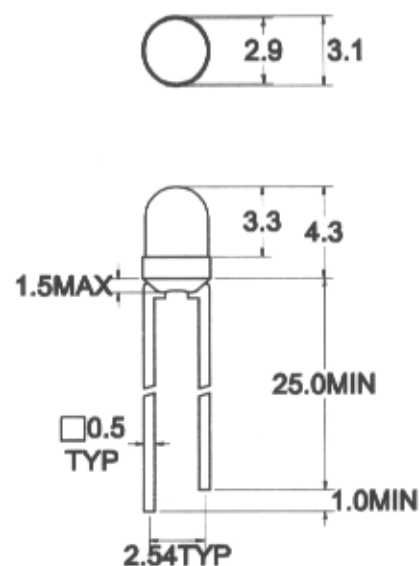
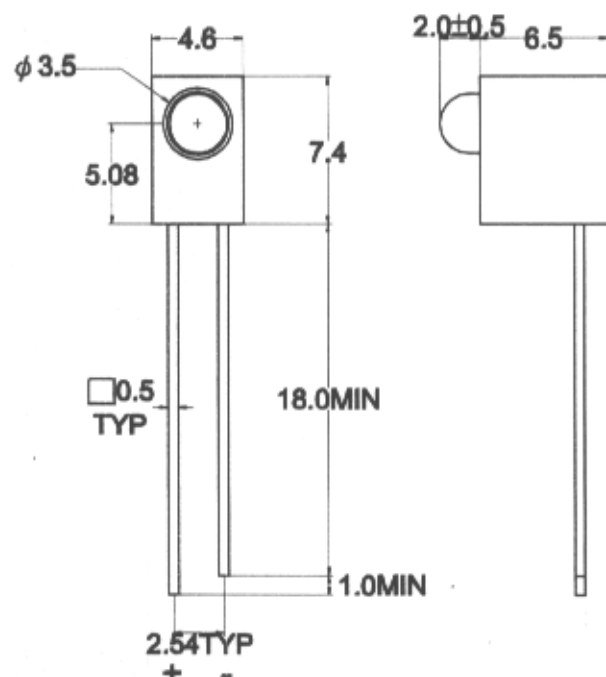


Package Dimension


Note : 1.All dimension are in millimeter tolerance is $\pm 0.25\text{mm}$ unless otherwise noted
2.Specifications are subject to change without notice

LX2640-1
• Part Selection And Application Information (Ratings At 25°C Ambient)

PART NO	MATERIAL	COLOR		peak wave length λ Pnm	spectral halfwidth $\Delta \lambda$ nm	forward voltage @20mA(V)		luminous intensity @10mA(mod)		viewing angle 2θ 1/2 (deg)
		Emitted	Lens			Min.	Max.	Min.	Typ.	
LA16B/R	GaAsP	Red	Red Diffused	655	40	1.5	2.0	0.8	1.4	50
LA16B/H	GaP	Red	Red Diffused	697	90	1.7	2.8	2.0	4.2	50
LA16B/G	GaP	Green	Green Diffused	565	30	1.7	2.8	9.0	15	50
LA16B/Y	GaAsP/GaP	Yellow	Yellow Diffused	585	35	1.7	2.8	7.5	12	50
LA16B/E	GaAsP/GaP	Orange	Orange Diffused	635	45	1.7	2.8	7.5	12	50
LA16B/I	GaAsP/GaP	Orange	Red Diffused	635	45	1.7	2.8	7.5	12	50
LA16B/A	GaAsP/GaP	Yellow	Orange Diffused	600	35	1.7	2.8	7.5	12	50

• Absolute Maximum Rating (Ta=25°C)

PARAMETER	RED		GREEN		YELLOW		ORANGE		UNIT	REMARK
	R	H	G		Y	A	I	E		
Forward Current	40	15	30		20	20	30	30	mA	
Peak Forward Current Duty 1/10 @ 1KHZ	200	60	120		80	80	120	120	mA	
Power Dissipation	80	40	100		60		100		mW	
Reverse Current @5V	10		10		10		10		μ A	
Operating Temperature	-40°C TO +85°C									
Storage Temperature	-40°C TO +100°C									

Lead Soldering Temperature 260°C 5 Seconds (2.0mm From Body)