

LTV-77 Illuminating Push Switch

Specifications

Rating:	0.10A 30VDC	100,000 cycles
Operating Temp:	-10° C ~ +60° C	
Contact Resistance:	50mΩ max. initial	
Insulation Resistance:	100 MΩ min.	
Dielectric Strength:	500VAC for 60 +/- 5 sec	
Housing:	UL 94V0	
Travel-to-lock	1.5mm (Total travel: 2.5mm)	
Moving Contacts:	Silver plated	
Timing:	Non-shorting	
Buttons:	BF series caps LED series caps	
Operating Force:	150 +/- 50gf 240 +/- 100gf 350 +/- 100gf 450 +/- 150gf	



Ordering Qty: 500pcs

Ordering Instruction

Step 1 - pick up a switch from LTV-75 series:

LTV-75	S	N	11.25	-	A	N
LED switch	S = Self Lock N = Non-lock	<u>Terminal Types</u> N = Straight pins D = Snap in pins	Actuator Type		<u>Operating force</u> A= 150 +/- 50gf B= 240 +/- 50gf C= 350 +/- 100gf D= 450 +/- 150gf	N = Base not sealed S = Base Epoxy sealed

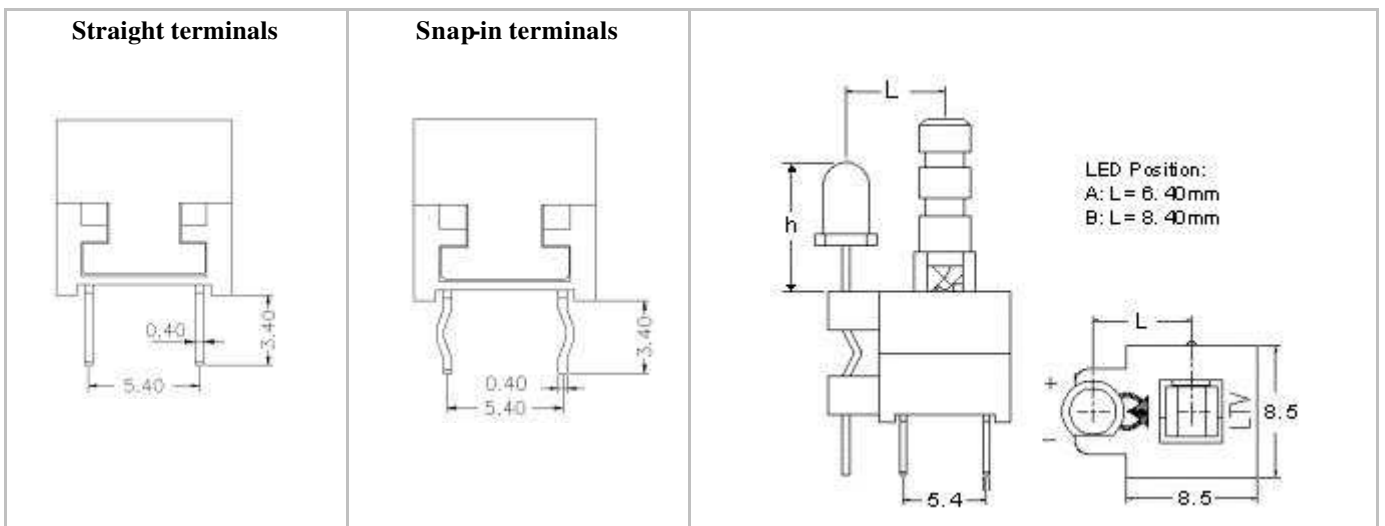
Step 2: Pick up the kind of LED you need from our standard list or give us your own specification.

Step 3: Let us know the "L" and "h" parameter you need for your application (ref. drawing below).

Step 4: Contact Toneluck sales representative who will give you detail drawing with part-number which is something like LTV-77-0011.

Configurations

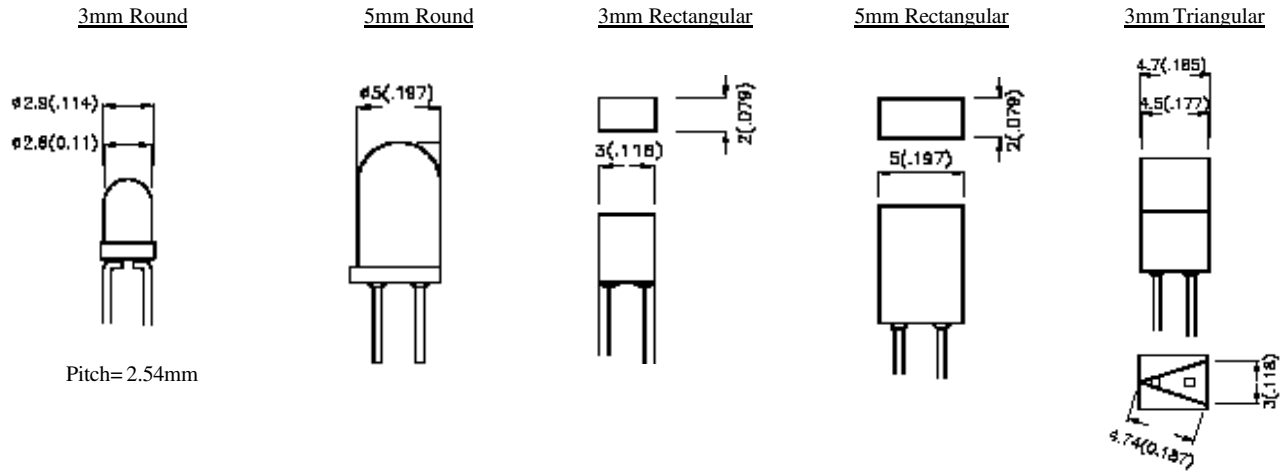
(Patented Design)



Actuator Type

<p>Actuator Type: 4.5</p>	<p>Actuator Type: 5.7</p>	<p>Actuator Type: 5.7B</p>
<p>Actuator Type: 6.5</p>	<p>Actuator Type: 9.0</p>	<p>Actuator Type: 9.0B</p>
<p>Actuator Type: 9.5</p>	<p>Actuator Type: 11.25</p>	<p>Actuator Type: 12.0</p>

LED Type



LED Type	Color	Wavelength	Intensity / Iv (mcd)		Size/shape	Remarks
R02	Red Diffused	700 nm	1.3 ~ 5.0	10mA	3mm Round	Standard
R01	Red Diffused	625 nm	0.8 ~ 5.0	2mA	3mm Round	Low current
R03	Red Diffused	660 nm	8 ~ 20	2mA	3mm Round	Low current & super bright
G03	Green Diffused	565 nm	8 ~ 32	10mA	3mm Round	Standard
G01	Green Diffused	565 nm	0.8 ~ 3.2	2mA	3mm Round	Low current & bright
Y03	Yellow Diffused	590 nm	8 ~ 32	10mA	3mm Round	Standard
Y01	Yellow Diffused	590 nm	0.8 ~ 3.2	2mA	3mm Round	Low current & bright
R04	Red Diffused	700 nm	2 ~ 8	10mA	5mm Round	Standard
R05	Red Diffused	625 nm	0.8 ~ 5	2mA	5mm Round	Low current
R06	Red Diffused	660 nm	8 ~ 20	2mA	5mm Round	Low current & super bright
G02	Green Diffused	565 nm	5 ~ 32	10mA	5mm Round	Standard
G04	Green Diffused	565 nm	0.8 ~ 3.2	2mA	5mm Round	Low current
Y02	Yellow Diffused	590 nm	5 ~ 32	10mA	5mm Round	Standard
Y04	Yellow Diffused	590 nm	0.8 ~ 32	2mA	5mm Round	Low current
R07	Red Diffused	700 nm	0.2 ~ 0.5	10mA	3mm Rectangular	Standard
R08	Red Diffused	625 nm	2 ~ 12.5	10mA	3mm Rectangular	High effective
G05	Green Diffused	565 nm	2 ~ 8	10mA	3mm Rectangular	Standard
Y05	Yellow Diffused	590 nm	2 ~ 8	10mA	3mm Rectangular	Standard
R09	Red Diffused	700 nm	0.5 ~ 2.0	10mA	5mm Rectangular	Standard
R10	Red Diffused	625 nm	3.2 ~ 12.5	10mA	5mm Rectangular	High effective
R11	Red Diffused	660 nm	40 ~ 80	20mA	5mm Rectangular	Super bright
G06	Green Diffused	565 nm	2 ~ 8	10mA	5mm Rectangular	Standard
Y06	Yellow Diffused	590 nm	2 ~ 8	10mA	5mm Rectangular	Standard
R12	Red Diffused	700 nm	0.5 ~ 0.8	10mA	3mm Triangular	Standard
R13	Red Diffused	625 nm	2 ~ 5	10mA	3mm Triangular	High effective
G07	Green Diffused	565 nm	1.25 ~ 3.2	10mA	3mm Triangular	Standard
Y07	Yellow Diffused	590 nm	1.25 ~ 3.2	10mA	3mm Triangular	Standard