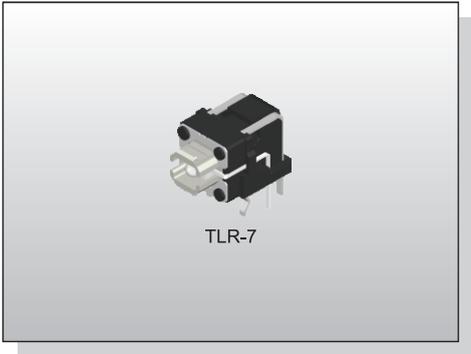


# ILLUMINATED SWITCH TLR-7 SERIES

Tact Switch  
Illuminated



## FEATURES

- ※Horizontal operation
- ※Various LED colors

## APPLICATION

- ※Automotive
- ※Server
- ※Laptop, IPC

## SPECIFICATION

Contact Rating	50mA, 12V DC
Contact Resistance	100mΩ max.
Insulation Resistance	100MΩ min. 500V DC
Dielectric Strength	250V AC/1 minute
Operating Force	160±50gf / 260±50gf
Travel	0.2mm
Operating Life	500, 000 cycles
Operating Temp.	-40°C ~ +85°C
Storage Temp.	-40°C ~ +85°C

## HOW TO ORDER

TLR-7 [ ] [ ] [ ] - [ ] [ ] [ ] - QA 2

Operating Force:  
2=160gf  
3=260gf

LED Viewing Angle:  
A=140°   
B=30°

LED Color:  
=Without LED  
Refer Color Options

CAP Mark:  
=No Marking  
(EX:H0=O)

CAP Color:  
K=Black  
S=Silver  
T=Transparent

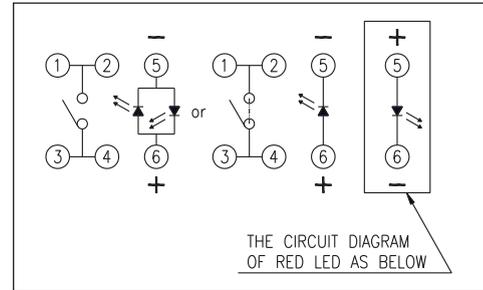
CAP Type:  
=Without Cap  
R1=6.50mm  
R2=8.00mm  
R3=6.20mm

Stem Type:  
4.50mm

Package:  
Tray

Halogen Free

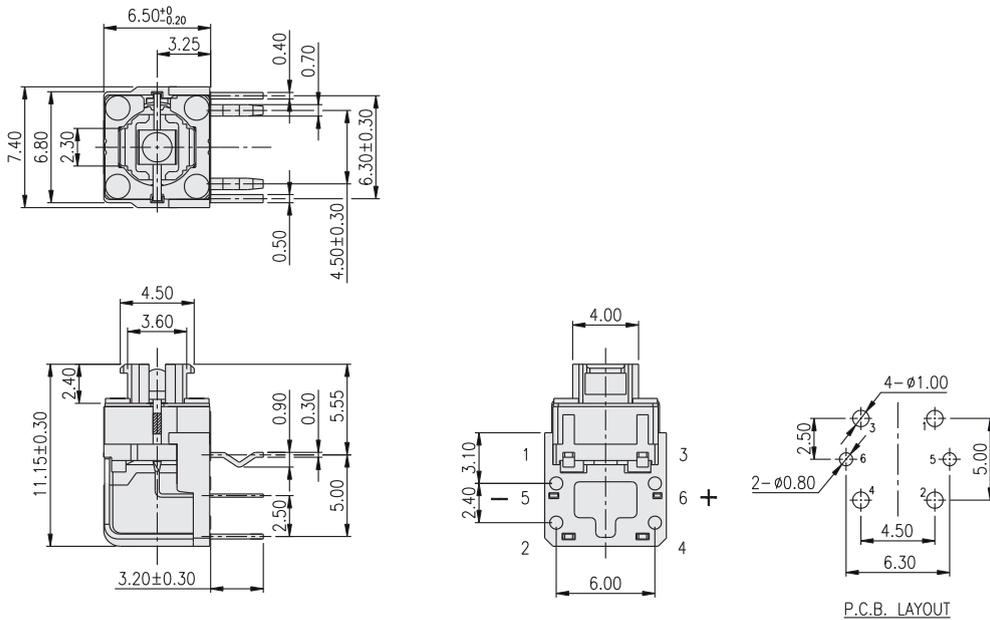
## CIRCUIT



## PACKAGE

<Tray>  
100 pcs.

## TLR-7



## LED Color Options:

Part No.	Color	Dominant Wavelength $\lambda_d$ Typ.(nm)	Luminous Intensity $I_v$ (mcd)		Forward Voltage $V_f$ (V)		View Angle $2-\theta_{1/2}$ (Degree)	
			Typ.		Typ.	Max.	A	B
B	Blue	470	70	1100	3.0	3.6	140°	30°
PG	Pure Green	520	160	2500	3.2	3.6		
G	Yellow Green	570	30	550	2.0	2.3		
Y	Yellow	590	60	1500	2.0	2.3		
A	Soft Orange	605	50	1500	2.0	2.3		
R	Deep Red	640	25	800	2.0	2.3		
W	Cold White	X:0.30 / Y:0.30	350	550	3.0	3.6		