



- 7

FEATURES

- *Horizontal operation
- **%Various LED colors**
- *Options of different cap color & mark

APPLICATION

- *Automotive
- ≪Server
- %Laptop, IPC

SPECIFICATION

Contact Rating	50mA, 12V DC			
Contact Resistance	100m $Ω$ max.			
Insulation Resistance	100M Ω min. 500V DC			
Dielectric Strength	250V AC/1 minute			
Operating Force	160±50gf / 260±50gf			
Travel	0.2mm			
Operating Life	500, 000 cycles			

CIRCUIT

Package: B=Tube (Except TLLAG-7) A=Tray

V=RoHS & Lead Free Solderable Q=Halogen Free (Without Cap)

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

CAP Color:

CAP Type:

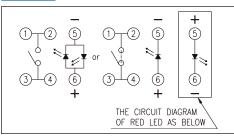
=Without Cap
R1=6.50mm
R2=8.00mm

Terminals Plating: =Ag Plating A3=Au Plating

K=Black S=Silver T=Transparent

Operating Temp. -40°C ~ +85°C

Storage Temp. -40°C ~ +85°C



PACKAGE

<Tray> TLLA-7 -A: 100 pcs.

<Tube> TLLA-7 -B: 64 pcs.

TLLA-72 ___ -R__

=Without LED L=Tact+LED

Right Angle

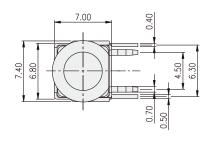
=Without Ground Pin-G=With Ground Pin

Operating Force:

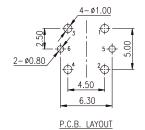
LED Specification LED Specification.

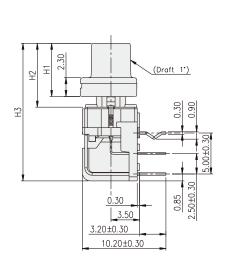
=Without LED or A F-1
B F-1

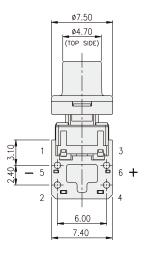
2=160gf 3=260gf



LED Color: =Without LED
Refer Color Options







PART NO.	H1	H2	Н3
TLLA-7000-0-R10	6.50	7.80	16.80
TLLA-7000-0-R20	8.00	9.30	18.30

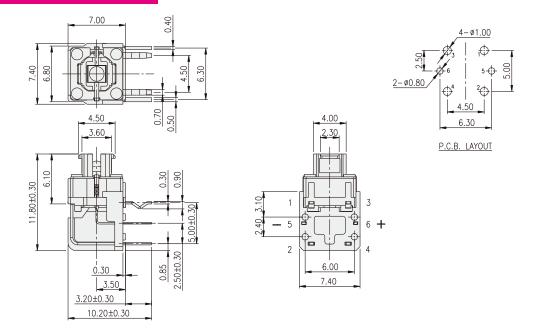
NOTE:

1016				
	CAP			
	MARK	COLOR		
SH0	0	SILVER		
KH0	O	BLACK		
SH1	Ф	SILVER		
KH1		BLACK		
SH2	(i)	SILVER		
KH2	9	BLACK		
SH3	_	SILVER		
кнз	Ð	BLACK		
SH4		SILVER		
KH4		BLACK		
SH7	Ф	SILVER		
KH7)	BLACK		
SH9	G	SILVER		
KH9	5	BLACK		
SHA	0	SILVER		
KHA		BLACK		
SHB		SILVER		
KHB	W	BLACK		

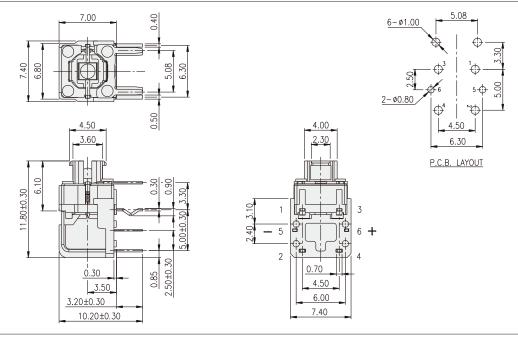
$\begin{array}{l} \text{ILLUMINATED SWITCH} \\ \textbf{TL(L)A(G)-7 series} \end{array}$



TLLA-72



TLLAG-7



LED Color Options:

Part No. Color	Color	Dominant Wavelenght λ _n	Luminous Intensity I _v (mcd)		Forward Voltage V _F (V)		View Angle 2·θ _{1/2} (Degree)	
	Typ.(nm)	Тур.		Тур.	Max.			
	3,1-4,	A F	В	тур.	IVIAX.	A F	В гД	
В	Blue	470	70	1100	3.0	3.6		
PG	Pure Gree	520	160	2500	3.2	3.6		
G	Yellow Green	570	30	550	2.0	2.3		
Υ	Yellow	590	60	1500	2.0	2.3	140°	30°
Α	Soft Orange	605	50	1500	2.0	2.3		
R	Deep Red	640	25	800	2.0	2.3		
W	Cold White	X:0.26 / Y:0.23	350	550	3.0	3.6		

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MML23KA3AC05K-001 MML23KW3AA01W 8418K2 8442K3 8450K1 860K11911T01A 861901 861K11911T01A07

861K13810T00A14 861K13911 8646AB6X718UL 8646ABUL 9001KXRK 907AYY100 PMHD155A1 9533CD4+U574+U4922 95-414.000 99-450.837 99-453.837 PV3H2B0NN-341 1203MRA A22NZBGANGA A22NZBNANGA A22NZMPATRA A2PMA1X03EC56

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