



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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SERIES TL 1240 SWITCHES

TACT SWITCHES ILLUMINATED

TACT SWITCHES

NAVIGATION SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

ROCKER SWITCHES

SLIDE SWITCHES

SNAP-ACTION SWITCHES

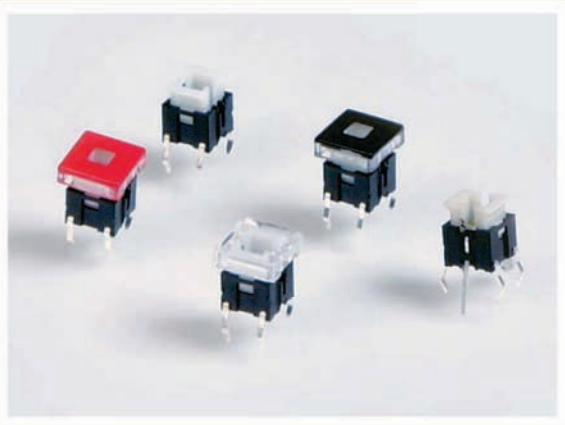
DIP SWITCHES

KEYLOCK SWITCHES

ROTARY SWITCHES

DETECTOR SWITCHES

CAP. OPTIONS



SPECIFICATIONS

Contact Rating:	50mA @ 12 VDC
Life Expectancy:	100,000 cycles
Contact Resistance:	100mΩ (max.) typical, initial @ 2-4 VDC 100mΩ for both silver and gold plated contacts
Insulation Resistance:	100MΩ (min.)
Dielectric Strength:	250 VAC
Actuation Force:	160 gf ± 50 gf
Operating Temperature:	-20°C to 70°C
Travel:	0.25 Typ

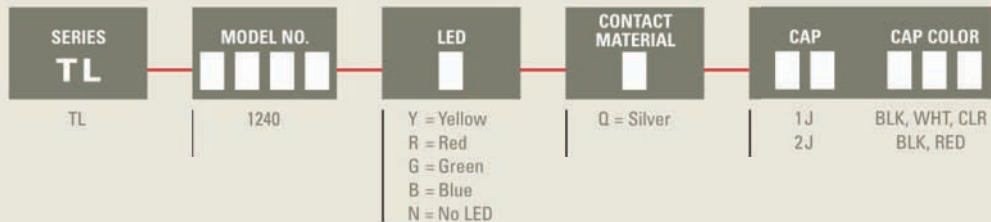
FEATURES & BENEFITS

- ▶ Multiple LED color options
- ▶ Reliable dome technology
- ▶ Independent LED leads
- ▶ LED color matching upon request
- ▶ Multiple cap options

APPLICATIONS/MARKETS

- ▶ Telecommunications
- ▶ Consumer Electronics
- ▶ Audio/visual
- ▶ Medical
- ▶ Testing/instrumentation
- ▶ Computer/servers/peripherals

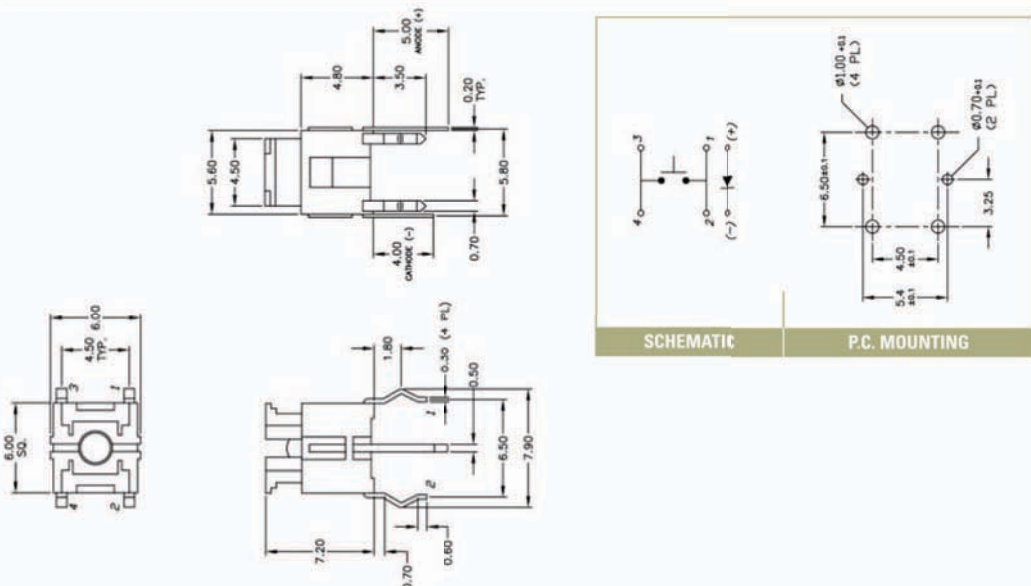
HOW TO ORDER



Example Ordering Number
 TL-1240-R-Q-2J-RED

Specifications subject to change without notice.

TL 1240





LED CHARACTERISTICS

PARAMETERS	SYMBOL	YELLOW LED		RED LED		GREEN LED		BLUE LED		WHITE LED		UNITS
		MAX.	TYP.	MAX.	TYP.	MAX.	TYP.	MAX.	TYP.	MAX.	TYP.	
POWER DISSIPATION	P_D	100	-	100	-	100	-	102	-	111	-	mW
REVERSE VOLTAGE	V_R	4	10	4	-	4	-	5	-	5	10	V
PEAK FORWARD CURRENT	I_{PF}	20	-	30	-	25	-	30	-	30	-	mA
REVERSE CURRENT	I_R	10	-	10	-	10	-	10	-	10	-	mA
FORWARD VOLTAGE	V_F	2.8	1.8	2.3	-	2.8	-	4.2	-	3.7	3.5	V
LUMINOUS INTENSITY	I_V	--	9	--	25	--	3	--	250	--	80	mcd
EMISSION WAVELENGTH	λ_p	--	585	--	660	--	557	--	468	--	--	nm
OPERATING TEMPERATURE	T_{OP}	-25C TO +85C		-25C TO +85C		-20C TO +85C		-20C TO +80C		-40C TO +85C		C
STORAGE TEMPERATURE	T_{ST}	-25C TO +80C		-25C TO +85C		-20C TO +85C		-30C TO +85C		-40C TO +85C		C
LEAD SOLDERING TEMPERATURE; (1.2,0mm (0.063 inch) FROM BODY) 260C FOR 5 SECONDS												
ELECTRICAL CHARACTERISTICS (= 25C) T_A												