



SERIES TL 1240 SWITCHES

TACT SWITCHES ILLUMINATED

TACT SWITCHES



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

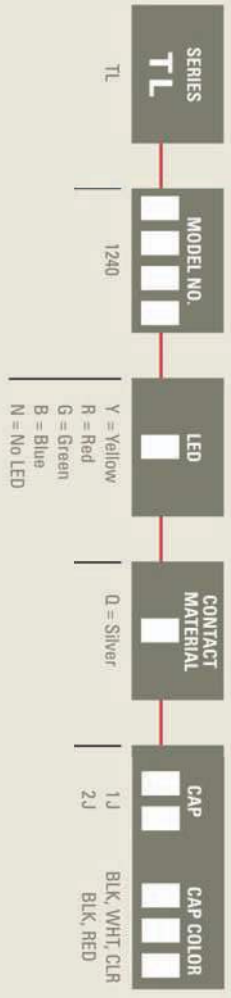
FEATURES & BENEFITS

- ▶ 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.

CAP OPTIONS

DETECTOR SWITCHES

ROTARY SWITCHES

KEYLOCK SWITCHES

DIP SWITCHES

SNAP-ACTION SWITCHES

SLIDE SWITCHES

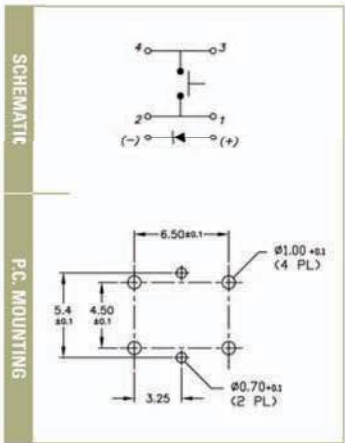
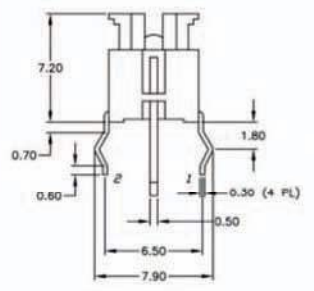
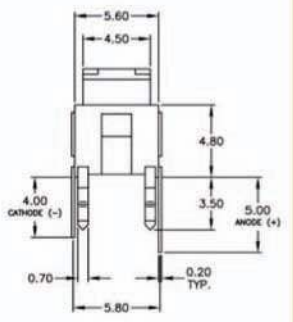
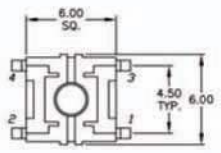
ROCKER SWITCHES

TOGGLE SWITCHES

PUSHBUTTON SWITCHES

NAVIGATION SWITCHES

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												