Light Push Switch







Features

Light Push Switch

- Snap-in type, which can be directly mounted on PC board.
- Some of output terminals can be also used as jumper leads,
- thus making circuit design easy.
- Standard knobs are available.

How to order Switch type: 6=6.0x6.0x7.2mm E=6.0x6.0x9.0mm E=6.0x6.0x9.0mm Sequence number: 01, 02... RoHS: L=Lead Free F=Hologen Free LED color: R=Red Y=Yellow G=Green W=White B=Blue 0=0range N=Whitout LED Operation force: 1=100±50 2=180±50 3=280±70 Cap type: 1=Without cap 2=With cap

Applications

 Operating switches in all types of electronic equipment such as audio apparatus, office equipment, communications apparatus, measuring instruments. TC sets, VCRs, etc.

Specification

Items		Standard
Operating Temperature Range		-20°C to +70°C
	Rating	50mA 12V DC
Electrical	Insulation Resistance	100MΩ Min. 100V DC
performance	Dielectric Strength	250V AC for 1 min (50Hz or 60Hz)
	Contact Resistance	100 mΩ Max.
Durability	Operating Life	100,000 Cycles
Mechanical performance	Operating Force	1: 100±50gf ; 2: 180±50gf ; 3: 260±70gf
	Travel	0.25 + 0.2 / -0.1 mm

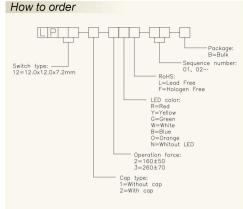
Diagram

Diagram		
	LP6	LPE
Dimensions		
Circuit Diagram	© ————————————————————————————————————	O O O O O O O O O O O O O O O O O O O
Pad Layout	2-90.83 4 -91.05 ⁴ -9.05 POR Roard	S C S S S S S S S S S S S S S S S S S S



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Applications

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Specification

Items		Standard
Operating	Temperature Range	−15°C to +60°C
	Rating	50mA 12V DC
Electrical	Insulation Resistance	≧ 100MΩ
performance	Dielectric Strength	250V AC for 1 min 50Hz
	Contact Resistance	≦ 50 mΩ
Durability	Operating Life	100,000 Cycles
Mechanical performance	Operating Force	2: 160±50gf; 3: 260±70gf
	Travel	0.3±0.1mm

Diagram

	LP12	
Dimensions		
	15 Positive	
Circuit Diagram	-0-2-215 0-12,3-07	
Pad Layout	<u>Cirguit Diagram</u> O———O	
<u>Lu</u> yout	O———O PCB Board	

SH=Square h=6.9 UT=Up triangle DT=Down triangle

RT=Right triangle LT=Left triangle RS=Rasied

Package:

B=Bulk

-RoHS & Lead Free

Cover type: 00=Without cover FC=Flat h=3.4 FC=Flat h=8.5

RC=Round h=4.9

RH=Round h=6.9 SC=Square h=4.9

00=Without LED 03=Green 01=Red 04=White 02=Yellow 07=Blue

5=Transparent 6=Orange

7=Blue

LED color:

Cap color: 1=Red 2=Yellow

4=White

DPS Series

12.0×17.0 / 17.0×17.0 Lock/Unlock Light Push Switch





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Features

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Applications

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How to order

Specification

Items		Standard
Operating Temperature Range		-25°C to +85°C
	Rating	100mA, 30V DC
Electrical	Insulation Resistance	100MΩ min. 100V DC
performance	Dielectric Strength	250V AC for 1 min.
	Contact Resistance	100m Ω max.
Durability	Operating Life	5,000,000 Cycles
Mechanical performance	Operating Force	250 ± 50gf
	Travel	0.3 ± 0.1 mm

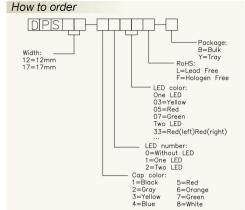
Diagram

	LTS	LTS Cover Type		
Dimensions	7.6 19.5 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.16 19.	RC RH FC		
		SC SH FC		
Circuit Diagram	Of *O 			
Pad Layout	12.5 7.62 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	017/D1 RS		



Features

- Single, two LED or without LED.
- Momentory action circuits available.
- Variety color caps and LED are available.



Applications

- Prfessional audio gear.
- Test equipment.

Specification

Items		Standard
Operating	Temperature Range	−10°C to +60°C
	Rating	12mA, 24V DC
Electrical	Insulation resistance	100MΩ min. 500V DC
performance	Dielectric strength	_
	Contact resistance	50mΩ max.
Durability	Lifetime	1,000,000 Cycles
Mechanical performance	Operating force	170±50gf
	Travel	2.50±0.5mm

Diagram

	DPS12	DPS17
Dimensions	17.6 17.6 17.6 17.6 18.6 18.6 18.6 18.6 18.6 18.6 18.6 18	17.6 17.8 17.8 18.00, 15.00, 15.00 18.00, 15.00, 15.00 18.00, 15.00, 15.00
Circuit Diagram	Cirguit Diagram	Cirguit Diagram
Pad Layout	PCB Board	PCB Board

LPD Series

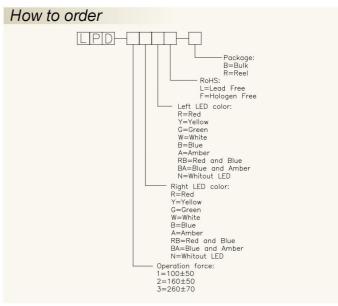
6.8 × 4.1 Light Push Tact Switch





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	Rating	50mA 12V DC	
Electrical	Insulation Resistance	100MΩ Min. 100V DC	
performance	Dielectric Strength	250V AC for 1 min (50Hz or 60Hz)	
	Contact Resistance	100 mΩ Max.	
Durability	Operating Life	50,000 Cycles	
Mechanical performance	Operating Force	1: 100±50gf ; 2: 160±50gf ; 3: 260±70gf	
	Travel	0.20±0.1 mm	

Diagram

