

# SERIES TL2205 SWITCHES



## ILLUMINATED PUSHBUTTON SWITCH



### MECHANICAL SPECIFICATIONS

Mechanical Life:	10,000 cycles
Force:	250 +/- 100 grams
Travel:	Full: 2.5 +/- 0.3mm; To Lock: 1.5 +/- 0.3mm

### ELECTRICAL SPECIFICATIONS

Contact Arrangement:	DPDT
Contact Rating:	30VDC, 100mA
Contact Resistance:	50mΩ (initial max)
Insulation Resistance:	100MΩ (Min @ 500VDC)
Dielectric Strength:	500VAC

### ENVIRONMENTAL SPECIFICATIONS

Operating Temperature:	-20°C to +70°C
Storage Temperature:	-20°C to +70°C

#### FEATURES & BENEFITS

Momentary or latching designs  
Long travel  
Illumination options

#### APPLICATIONS / MARKETS

Telecommunications  
Networking  
Low power on/off designs  
Computers/servers  
Performance audio

### HOW TO ORDER:



TL2205



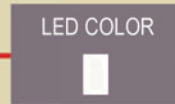
OA = Momentary  
EE = Latching



B = 3.7 LED Spacing  
C = 5.7 LED Spacing



P = Thru Hole



B = Blue  
R = Red  
G = Green  
Y = Yellow  
X = Without

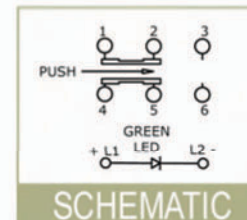
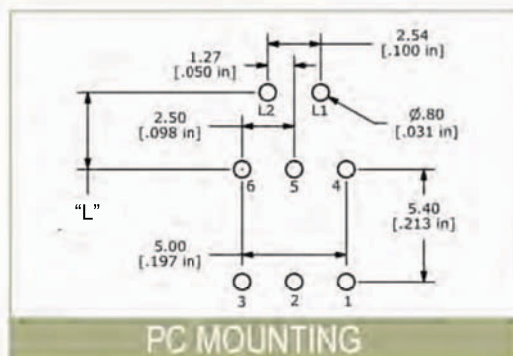


A = Without Button  
B = Black w/LED Window\*

\*Only available with "B" plunger

Parts are tray packaged.

Specifications subject to change without notice.



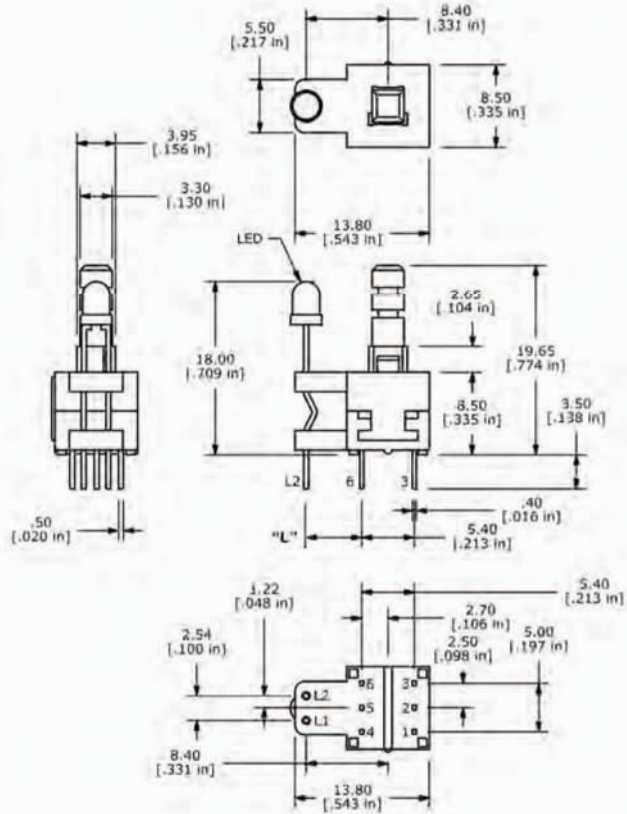
### LED SPECIFICATIONS

	Units	Blue	Red	Green	Yellow
Forward Current	mA	20mA	20mA	20mA	20mA
Forward Voltage @ 20mA	VDC	3.5 typ - 3.8 max	1.7 typ - 2.6 max	1.7 typ - 2.6 max	1.7 typ - 2.6 max
Luminous Intensity @ 20mA	mcd	45 typ	4 typ	6 typ	5 typ

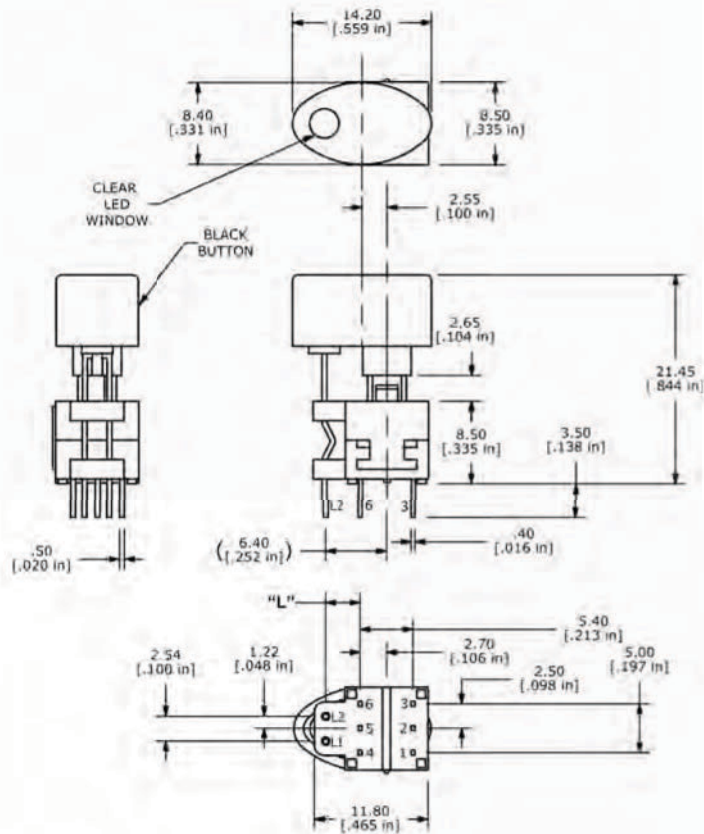
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## TL2205 Without Button:



## TL2205 With Button:



# Mouser Electronics

Authorized Distributor

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## E-Switch:

[TL2205EEBPBA](#) [TL2205EEBPBB](#) [TL2205EEBPGA](#) [TL2205EEBPGB](#) [TL2205EEBPRA](#) [TL2205EEBPRB](#)  
[TL2205EECPBA](#) [TL2205EECPRA](#) [TL2205OABPBA](#) [TL2205OABPBB](#) [TL2205OABPGA](#) [TL2205OABPGB](#)  
[TL2205OABPRA](#) [TL2205OABPRB](#) [TL2205OACPBA](#) [TL2205OACPRA](#)