## SERIES TL2205 SWITCHES

## ILLUMINATED PUSHBUTTON SWITCH



FEATURES \& BENEFITS
APPLICATIONS / MARKETS
Momentary or latching designs Long travel Illumination options

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

MECHANICAL SPECIFICATIONS

| Mechanical Life: | 10,000 cycles |
| :--- | :--- |
| Force: | $250+/-100$ grams |
| Travel: | Full: $2.5+/-0.3 \mathrm{~mm} ;$ To Lock: $1.5+/-0.3 \mathrm{~mm}$ |

## ELECTRICAL SPECIFICATIONS

| Contact Arrangement: | DPDT |
| :--- | :--- |
| Contact Rating: | $30 \mathrm{VDC}, 100 \mathrm{~mA}$ |
| Contact Resistance: | $50 \mathrm{~m} \Omega$ (initial max) |
| Insulation Resistance: | $100 \mathrm{M} \Omega$ (Min @ 500 VDC$)$ |
| Dielectric Strength: | 500 VAC |
| ENVIRONMENTAL SPECIFICATIONS |  |
| Operating Temperature: | $-20^{\circ} \mathrm{C}$ to $+70^{\circ} \mathrm{C}$ |
| Storage Temperature: | $-20^{\circ} \mathrm{C}$ to $+70^{\circ} \mathrm{C}$ |

## HOW TO ORDER:

| SERIES | MECHANICAL CONFIGURATION | PLUNGER "L" | TERMINATION | LED COLOR | BUTTON |
| :---: | :---: | :---: | :---: | :---: | :---: |
| TL2205 | $\mathrm{OA}=$ Momentary | $B=3.7$ LED Spacing | $\mathrm{P}=$ Thru Hole | $B=$ Blue | A $=$ Without Button |
|  | $\mathrm{EE}=$ Latching | $C=5.7$ LED Spacing |  | $\mathrm{R}=$ Red | $B=$ Black w/LED Window* |
|  |  |  |  | $\mathrm{G}=$ Green |  |
|  |  |  |  | $Y=\text { Yellow }$ | *Only available with " B " plunger |
|  |  |  |  | $X=$ Without |  |

Parts are tray packaged.
Specifications subject to change without notice.


| LED SPECIFICATIONS |  |  |  |  |  |  |
| ---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Units | Blue | Red | Green | Yellow |  |
| Forward Current | mA | 20 mA | 20 mA | 20 mA | 20 mA |  |
| Forward Voltage @ 20mA | VDC | $3.5 \mathrm{typ}-3.8 \max$ | $1.7 \mathrm{typ}-2.6 \mathrm{max}$ | $1.7 \mathrm{typ}-2.6 \mathrm{max}$ | $1.7 \mathrm{typ}-2.6 \mathrm{max}$ |  |
| Luminous Intensity @ 20mA | mcd | 45 typ | 4 typ | 6 typ | 5 typ |  |

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TL2205 Without Button


TL2205 With Button:


