

## HOW TO ORDER


**SPECIFICATIONS:**  
 RATING: DC 24V 50mA  
 LIFE: 10,000,000 cycles  
 OPERATION FORCE: 300gf±75gf  
 STROKE: 1.0±0.2mm  
 CONTACT RESISTANCE: 30mOhm MAX  
 DIELECTRIC STRENGTH: AC 250V 1 MINUTE  
 INSULATION RESISTANCE: 10MOhm MIN  
 OPERATION TEMPERATURE RANGE: -40°C~+160°C

TL(M)-A2□4□-Q-T/R  
 TL(M)-A114□-Q-B

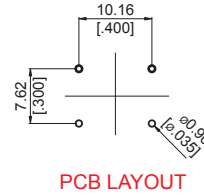
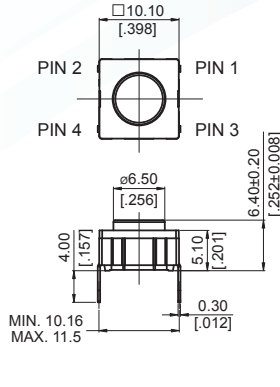
Button Color  
 W=White  
 K=Black

Button Color  
 W=White  
 K=Black

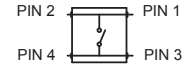
Total Height  
 2=8.0mm  
 3=9.5mm  
 4=10.4mm  
 5=11.0mm  
 6=12.0mm  
 7=15.0mm




**TL-A114K-Q-B**



**PCB LAYOUT**

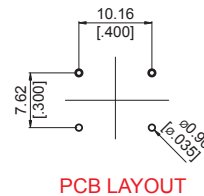
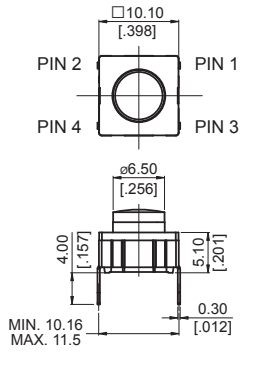


**CIRCUIT**

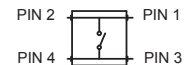
**Note:**  
 1. All Dimensions Are In Millimeters, bracketed Dimensions Are In Inches.  
 2. General Tolerances MAX. ±0.20mm.



**TL-A224K-Q-B**



**PCB LAYOUT**



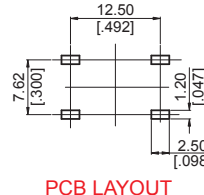
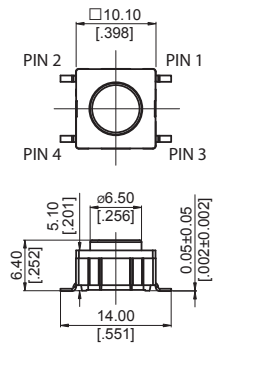
**CIRCUIT**

**Note:**  
 1. All Dimensions Are In Millimeters, bracketed Dimensions Are In Inches.  
 2. General Tolerances MAX. ±0.20mm.  
 3. The Actuators Must Be Mounted After Soldering .

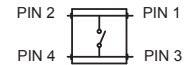
TL TLM  
Tact Switches



**TLM-A114K-Q-T/R**



**PCB LAYOUT**

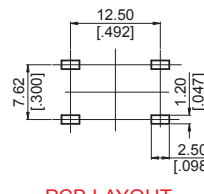
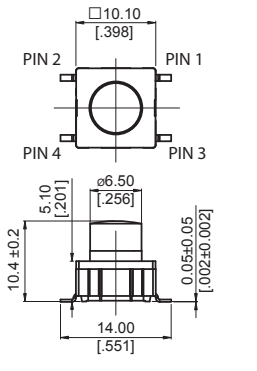


**CIRCUIT**

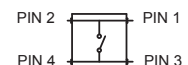
**Note:**  
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 2. General Tolerances MAX. ±0.20mm.



**TLM-A244K-Q-T/R**



**PCB LAYOUT**



**CIRCUIT**

**Note:**  
 1. All Dimensions Are In Millimeters, bracketed Dimensions Are In Inches.  
 2. General Tolerances MAX. ±0.20mm.  
 3. The Actuators Must Be Mounted After Soldering .