



**THE DATASHEET OF  
TL6120DF500QG**

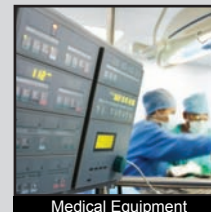
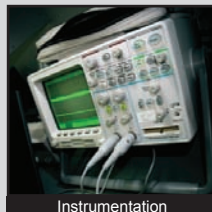
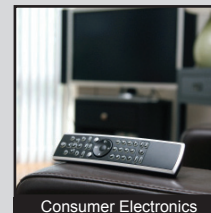
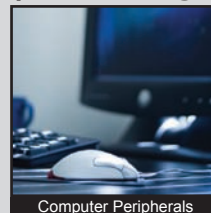
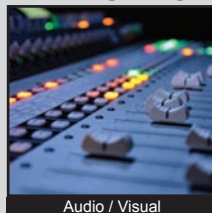


# TL6120 SERIES TACT SWITCH

ANTI-VANDAL SWITCHES  
 DETECTOR SWITCHES  
 DIP SWITCHES  
 KEYLOCK SWITCHES  
 NAVIGATION SWITCHES  
 PUSHBUTTON SWITCHES  
 ROCKER SWITCHES  
 ROTARY SWITCHES  
 SLIDE SWITCHES  
 SNAP ACTION SWITCHES  
**TACTILE SWITCHES**  
 TOGGLE SWITCHES  
 CAP OPTIONS



## APPLICATIONS / MARKETS



**RoHS**

## SPECIFICATIONS

**Electrical Rating:** 50mA @ 12VDC  
**Life Expectancy:** per chart  
**Contact Resistance:** 100mΩ Max. Initial  
**Insulation Resistance:** 100 MΩ Min. at 100VAC  
**Dielectric Strength:** 250VAC for 1 min.  
**Operating Temperature:** -40°C to 85°C  
**Storage Temperature:** -40°C to 85°C  
**Operating Force:** 130 gf, 160 gf, 300 gf, 500 gf  
**Travel:** 0.50mm  
**Contact Arrangement:** SPST

## FEATURES & BENEFITS

- Tape & Reel packaging
- Multiple operating forces
- Gold or silver contact option
- Multiple actuator lengths
- Process sealed

## PART NUMBER CONFIGURATOR

Series	Actuator Options	Actuation Force	Contact Plating	Termination										
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> TL6120 - surface mount	<input type="checkbox"/> A - 4.70mm B - 5.20mm C - 6.90mm D - 10.0mm	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> F130 - 130 gf F160 - 160 gf F300 - 300 gf F500 - 500 gf	<input type="checkbox"/> Q - Silver R - Gold	<input type="checkbox"/> G - Gullwing										
		<table border="1"> <thead> <tr> <th>Actuation Force</th> <th>Life Cycles</th> </tr> </thead> <tbody> <tr> <td>130 gf</td> <td>1,000,000</td> </tr> <tr> <td>160 gf</td> <td>1,000,000</td> </tr> <tr> <td>300 gf</td> <td>500,000</td> </tr> <tr> <td>500 gf</td> <td>200,000</td> </tr> </tbody> </table>	Actuation Force	Life Cycles	130 gf	1,000,000	160 gf	1,000,000	300 gf	500,000	500 gf	200,000		
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*Specifications subject to change without notice*



**E-SWITCH®**

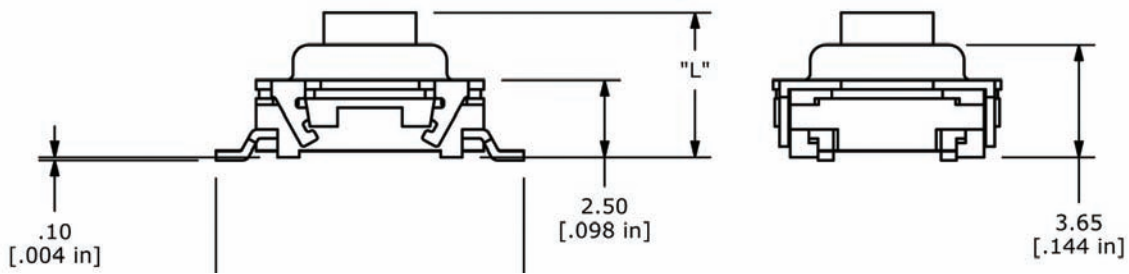
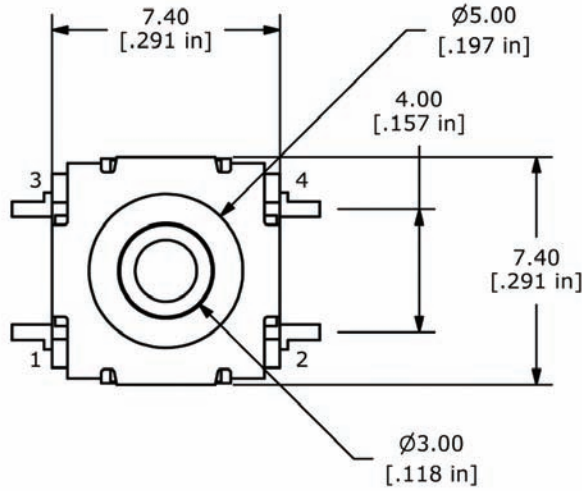
www.e-switch.com

800.867.2717

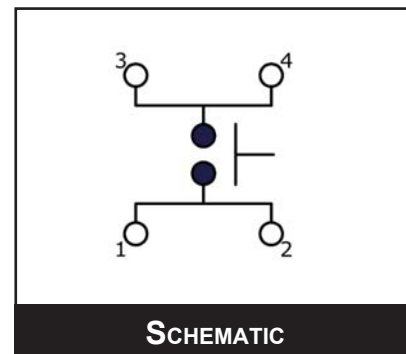
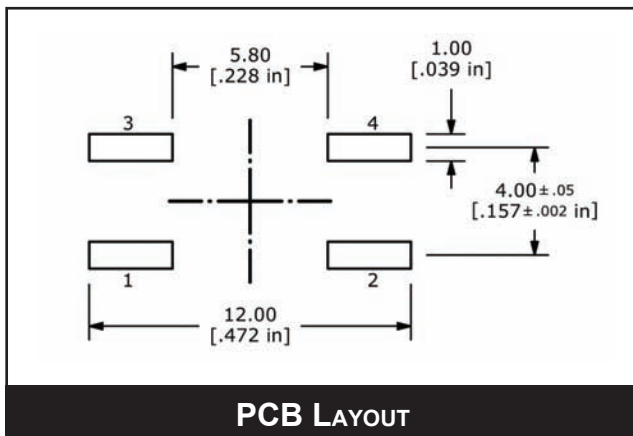
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# TL6120 SERIES TACT SWITCH

## BODY DIMENSIONS



Actuator	"L" Dimension
A	4.70
B	5.20
C	6.90
D	10.00



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## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View TL6120DF500QG on WIN SOURCE](#)

 [E-Switch Information](#)

## Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management