



**THE DATASHEET OF
TL6120DF300QG**

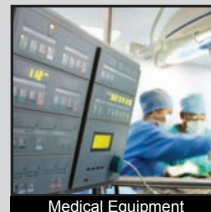
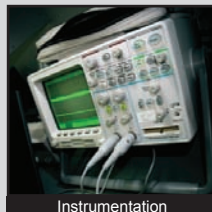
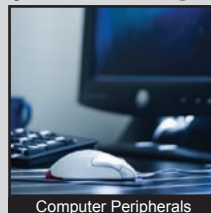
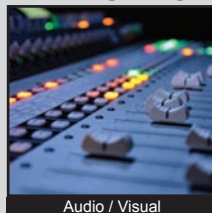


TL6120 SERIES TACT SWITCH

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®

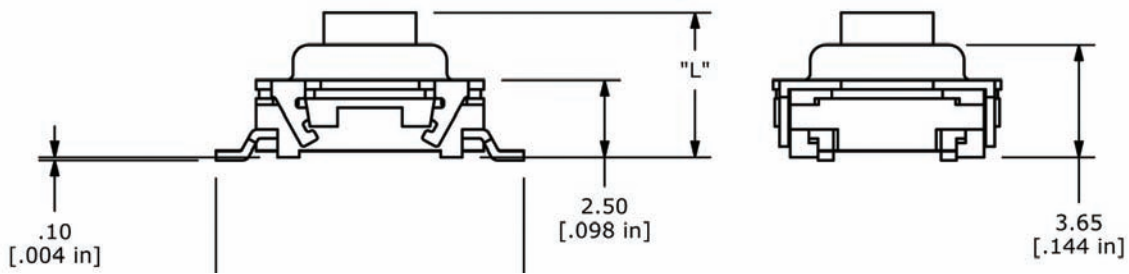
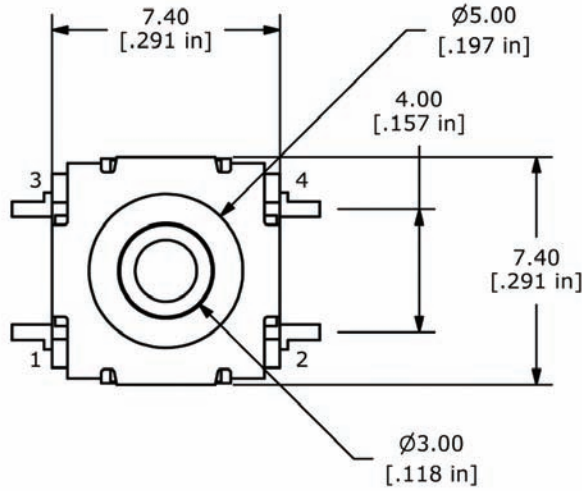
www.e-switch.com

800.867.2717

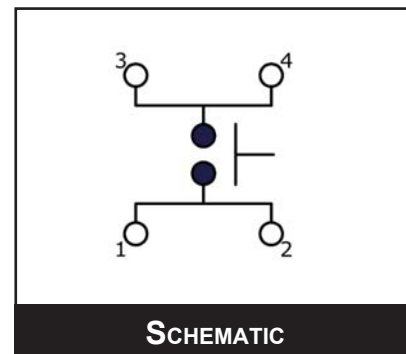
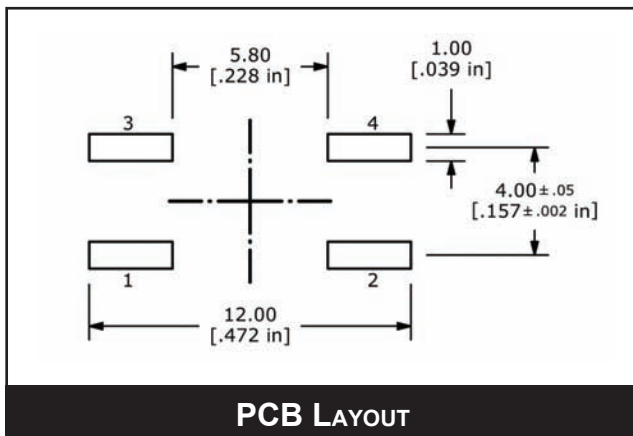
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TL6120 SERIES TACT SWITCH

BODY DIMENSIONS



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



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 [E-Switch Information](#)

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