

G19 Series Sealed Car Seat Four-way Toggle Switch



■ Features

- Sealed design, IP67 protection grade, Can be applied in different environments.
- Various operating levers and heights, For various car types.
- Tight structure, realize two-way or four-way conversion.
- High-performance spring, High-sensitive conversion, Long Lifetime.

■ Parameters

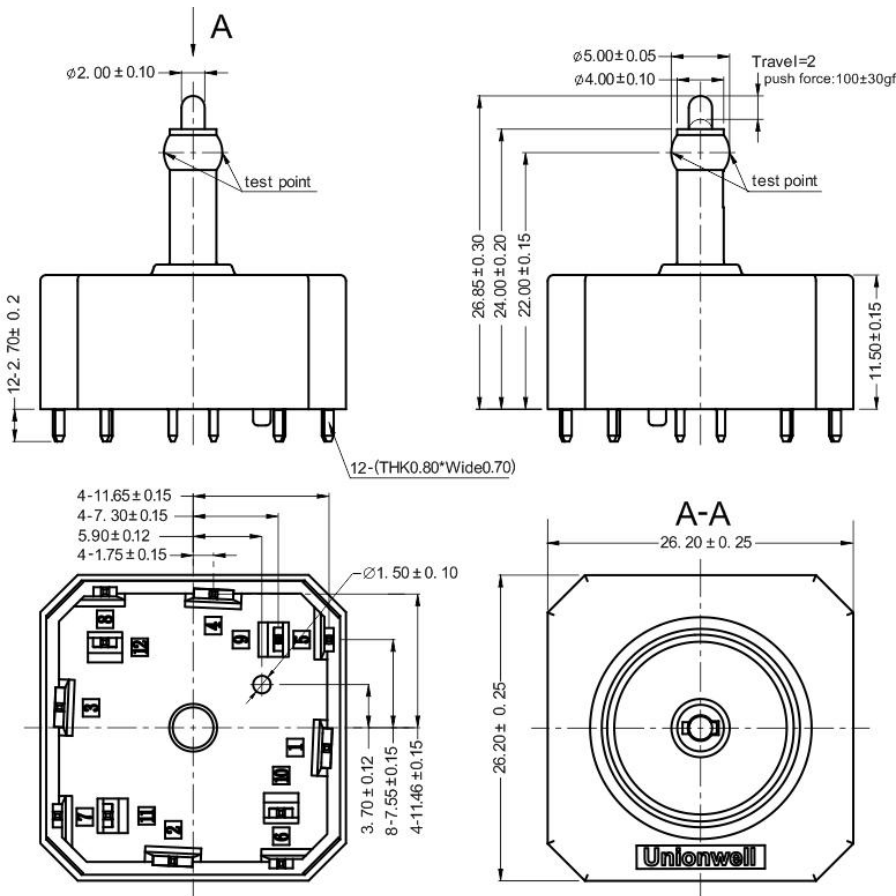
Operating Frequency		10 cycles/minute
Contact Resistance		20mΩ Max
Insulation Resistance		100MΩ Min
Withstand Voltage	Between Each Terminals Of The Same Polarity	AC500V (50~60HZ) ,Leakage current 10ms, duration 60+/5s.
	Between Each Terminals And Housings	AC1000V (50~60HZ) ,Leakage current 10ms, duration 60+/5s.
Lifetime	Electrical Lifetime	15A 14VDC 30,000 cycles
	Mechanical Lifetime	50,000 cycles
Protect Grade		IP67(Except Terminals Parts)
Storage Temperature		-40~+85℃
Storage Humidity		Under 95%RH (+5~+35° C)

G19 Series Toggle Switch Ordering Instruction:

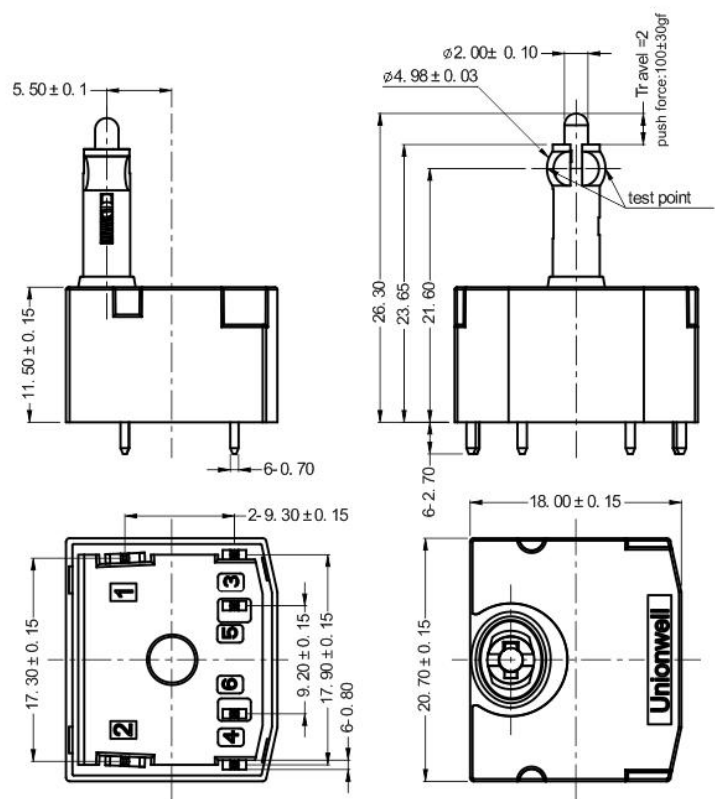
G19	15	4	M	R	A	1	A	A	T001
Switch Type	Electrical Rating	Operating Direction	Operating Position	Operating Lever Shape	Operating Lever Position Height	Pre-press button	Circuit Code	Protect Grade	Customized Code
15	15A 14VDC	2 Two-way	M Central	R Round	A 22mm (Only For Four-way Switch)	0 No Button	A SPDT	A IP67	T001 Customized 1
		4 Four-way	L Left Side	S Square	B 21.6mm (Only For Two-way Switch)	1 Pre-press Button	B SPST-NC	B IP4X	... Other
					C 25.6mm (Only For Two-way Switch)		C SPST-NO		

Dimensions (mm)

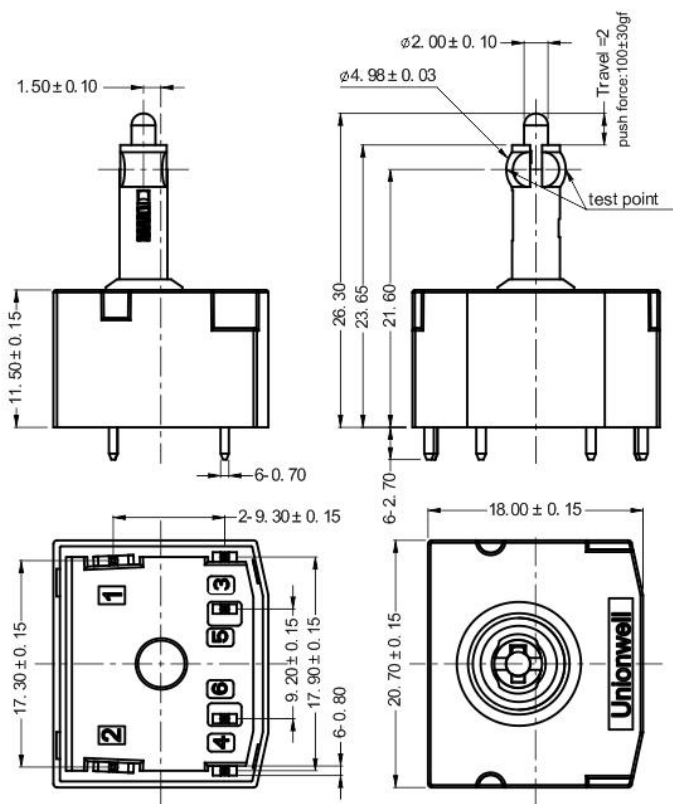
◆ Four-way Switch (Operating Lever Height 22mm)



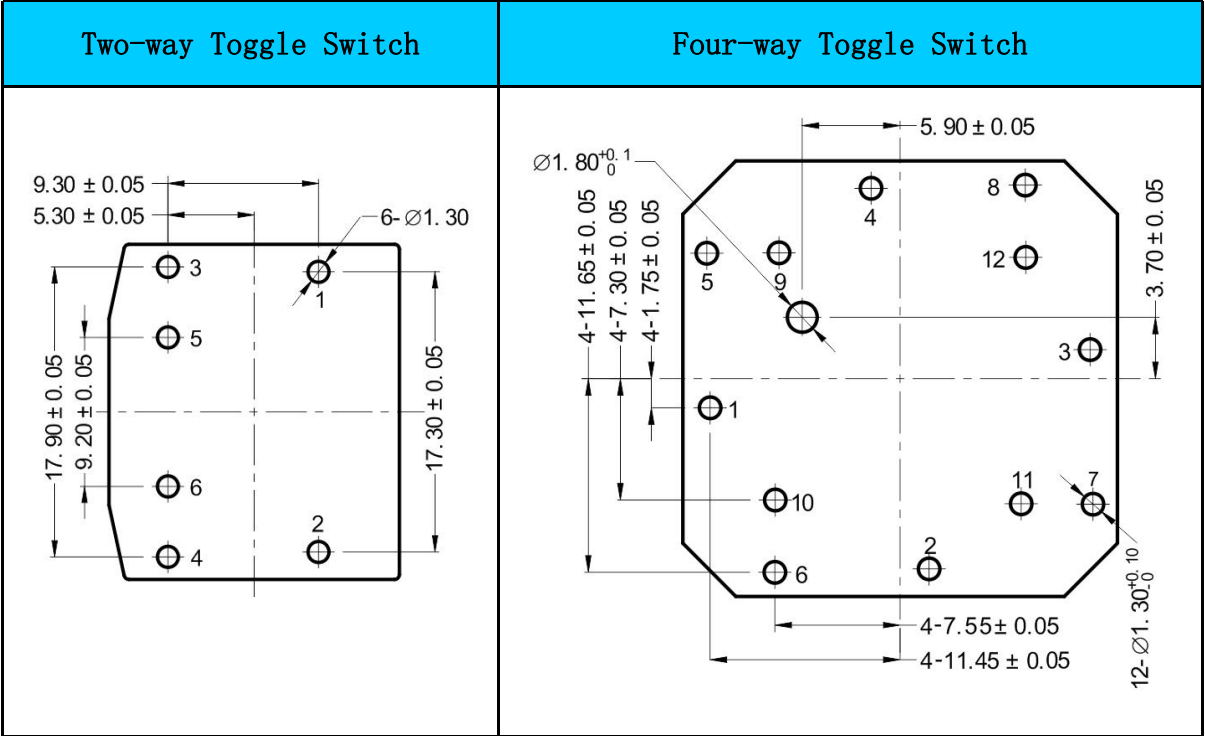
◆ Two-way Left Switch(Operating Lever Hight 21.6mm or 25.6mm)



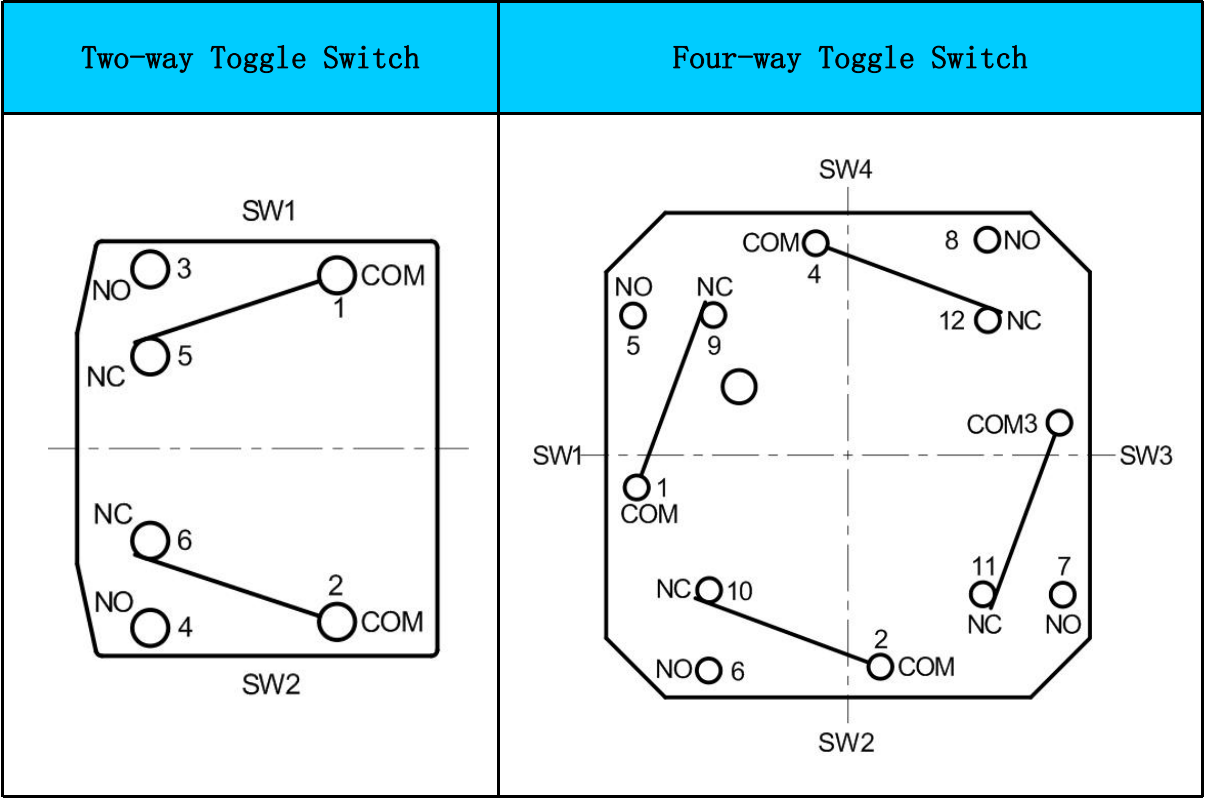
◆ Two-way Central Switch(Operating Lever Hight 21.6mm or 25.6mm)



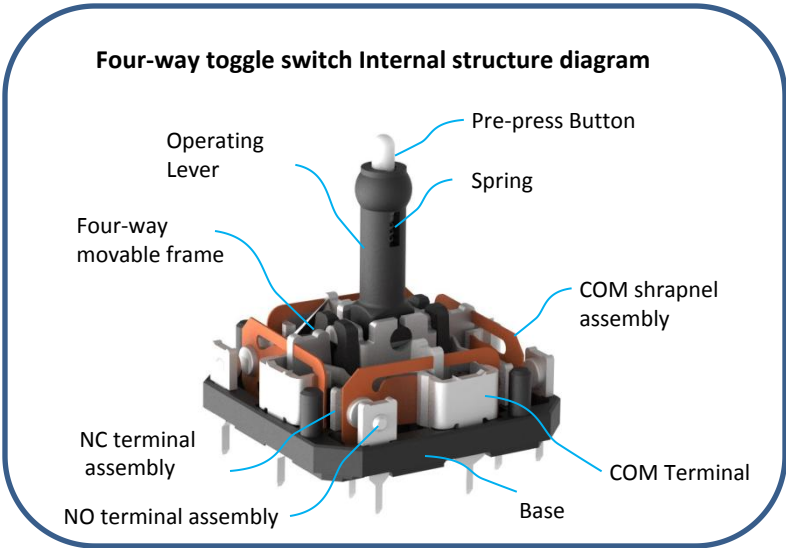
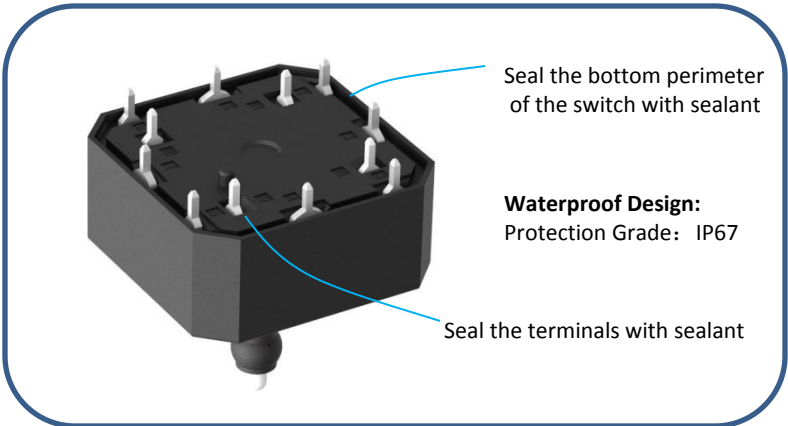
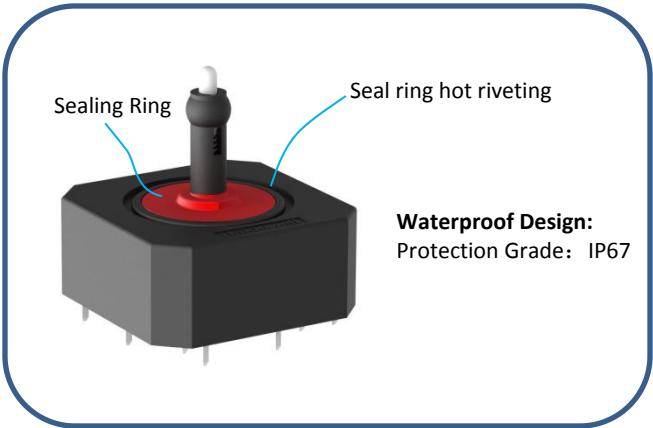
■ Mounting Dimensions



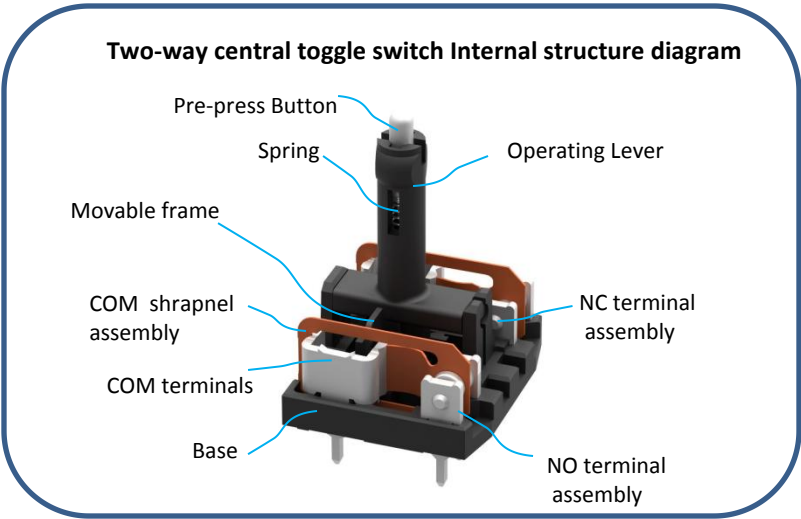
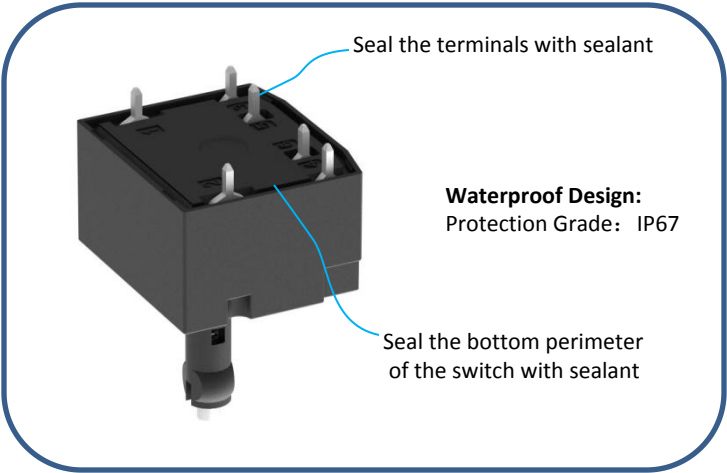
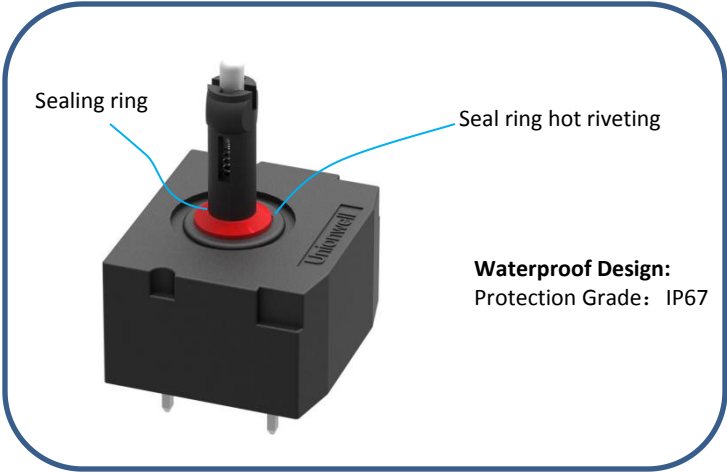
■ Circuit Configuration



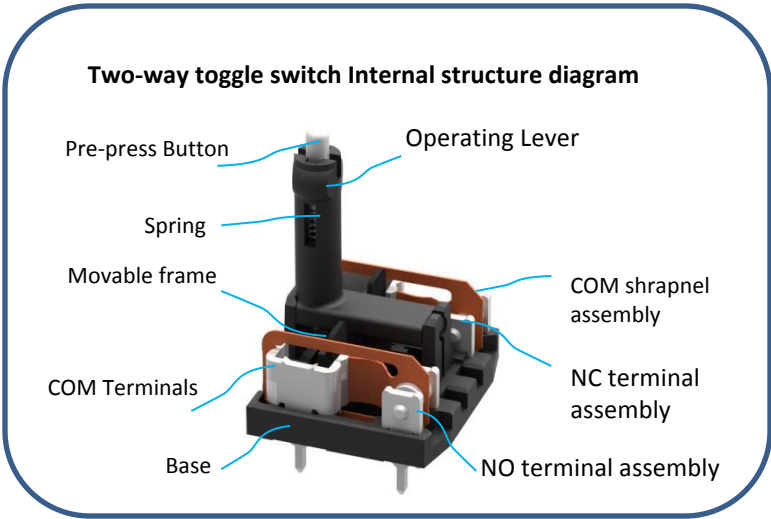
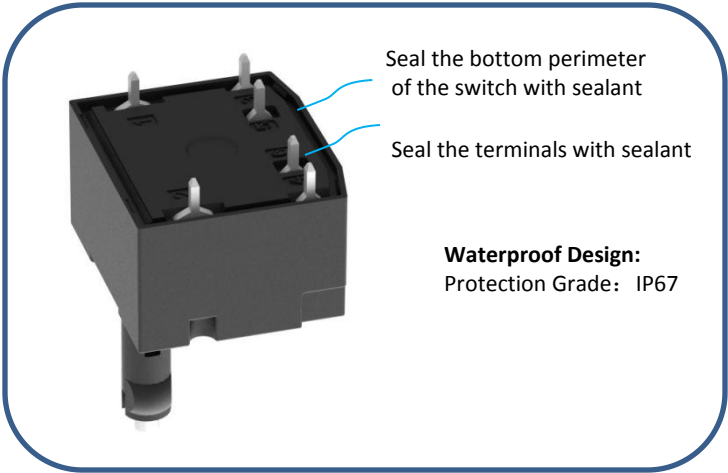
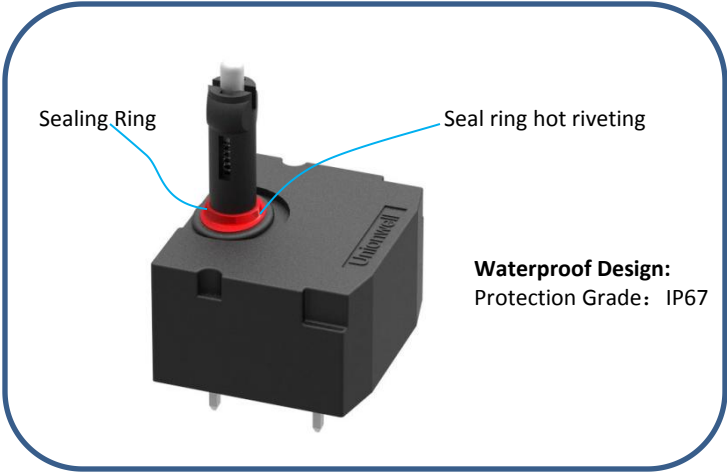
■ G19 Car Seat Four-way Toggle Switch Design Describe:



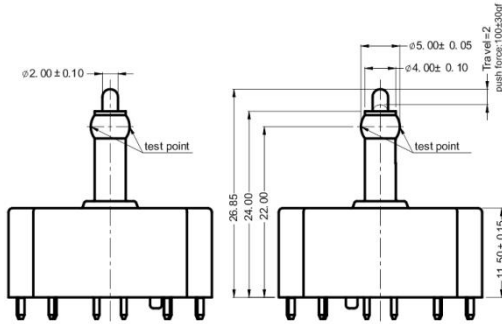
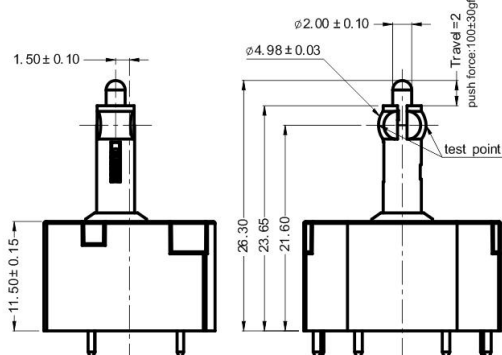
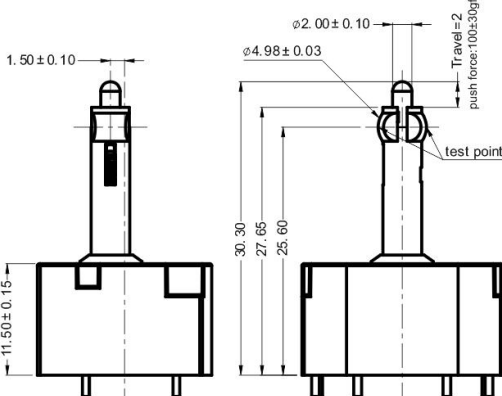
■ G19 Car Seat Two-way Central Toggle Switch Design Describe:



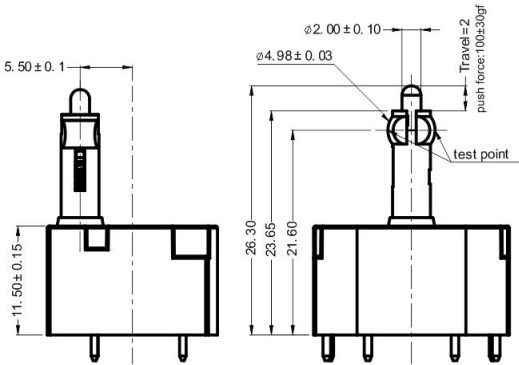
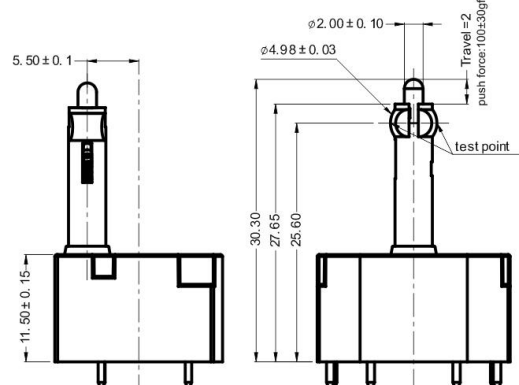
■ G19 Car Seat Two-way Left Toggle Switch Design Describe:



Operating Characteristics

Lever Code	Lever Hight	Dimensions	Parameters								
A	22mm		<table><tr><td>Model Number</td><td>G19-154MRA1AA</td></tr><tr><td>Operating Force (OF)</td><td>700gf Max</td></tr><tr><td>Operating Position (OP)</td><td>1.2±0.4 mm</td></tr><tr><td>Total Travel Position (TTP)</td><td>2.5mm</td></tr></table>	Model Number	G19-154MRA1AA	Operating Force (OF)	700gf Max	Operating Position (OP)	1.2±0.4 mm	Total Travel Position (TTP)	2.5mm
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B	21.6mm		<table><tr><td>Model Number</td><td>G19-152MRB1AA</td></tr><tr><td>Operating Force (OF)</td><td>700gf Max</td></tr><tr><td>Operating Position (OP)</td><td>1.0 ±0.4mm</td></tr><tr><td>Total Travel Position (TTP)</td><td>2.0mm</td></tr></table>	Model Number	G19-152MRB1AA	Operating Force (OF)	700gf Max	Operating Position (OP)	1.0 ±0.4mm	Total Travel Position (TTP)	2.0mm
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■ Application

➤The electric seat consists of a two-way motor, a transmission device, a seat adjuster (car seat tact switch), and other parts. The two-way electric car seat, which can move to the front and rear, is equipped with a two-way motor. The four-way movable car seat has two two-way motors, which can be raised and lowered based on forwarding and backward movement. Unionwell car seat toggle switch can achieve the above functions, as shown below:

