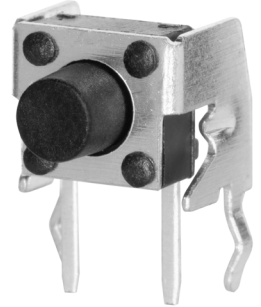


SERIES: TS11 | **DESCRIPTION:** TACTILE SWITCH**FEATURES**

- right angle
- 4.3~15.3 mm actuator
- through hole

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage		1		12	Vdc
rated current		0.01		50	mA
withstanding voltage	for 1 minute		250		Vac
contact resistance	applying load of 2 times operating force at 5 Vdc, 10 mA			100	mΩ
insulation resistance	at 100 Vdc for 1 minute	100			MΩ
operating force	see force table				
actuator travel		0.15	0.25	0.35	mm
operating temperature		-30		80	°C
storage temperature		-40		90	°C
life	rated load, 2 cycles/second, 1.5 times operating force				
	100 gf models		100,000		cycles
	160 gf models		80,000		cycles
	260 gf models		60,000		cycles
vibration	10~55~10 Hz, 1.5 mm amplitude, 2 hours on each XYZ				
flammability rating	see material table				
RoHS	yes				

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 3 seconds			350	°C
wave soldering	for maximum 5 seconds			260	°C

PART NUMBER KEY

TS11 - 674 - XX - BK - XXX - RA - D

Base Number

Actuator Height:

43 = 4.3 mm 85 = 8.5 mm
 50 = 5.0 mm 95 = 9.5 mm
 55 = 5.5 mm 105 = 10.5 mm
 65 = 6.5 mm 120 = 12.0 mm
 73 = 7.3 mm 135 = 13.5 mm
 80 = 8.0 mm 153 = 15.3 mm

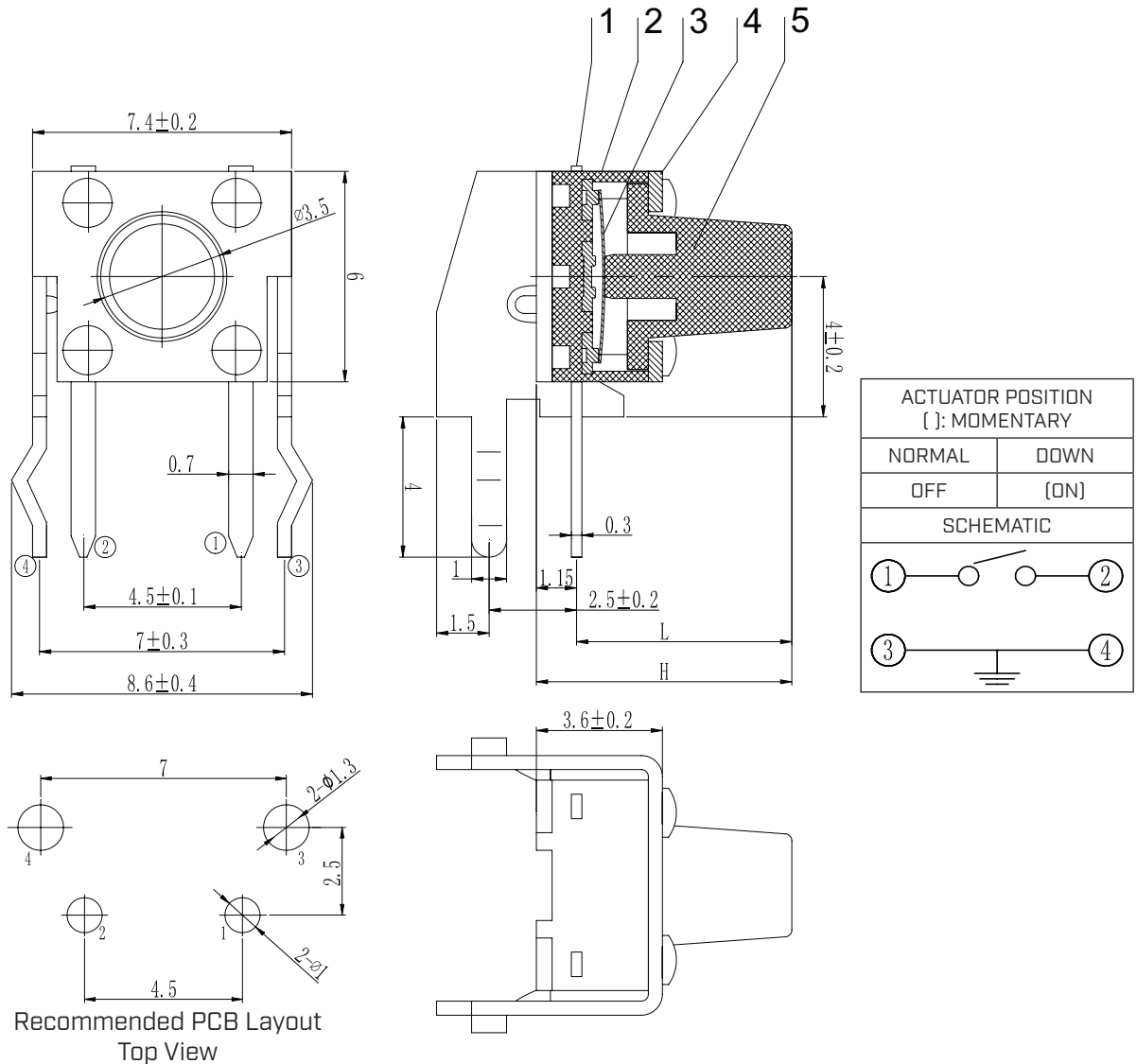
Push Force:

100 = 100 gf
 160 = 160 gf
 260 = 260 gf

MECHANICAL DRAWING

units: mm
tolerance: ± 0.2 mm
unless otherwise noted

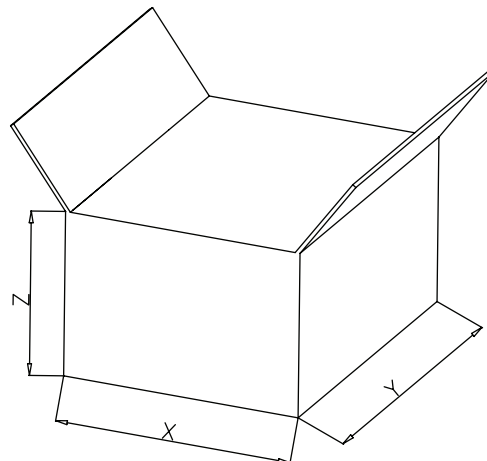
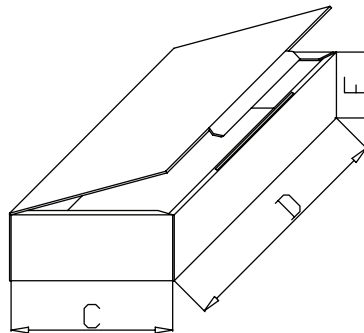
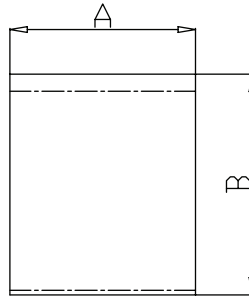
ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	terminals	brass	silver
2	housing	PA66 [UL94HB]	black
3	contacts	stainless steel	silver
4	cover	CuSn	tin
5	stem	PA66 [UL94HB]	black



Operating Force Table		
Model	Press Force [gf]	Return Force [gf]
100	100 \pm 30	>20
160	160 \pm 50	>20
260	260 \pm 50	>20

PACKAGING

Packaging Table						
Actuator Height Models (mm)	Bag Size (AxB) (mm)	Bag QTY	Inner Box Size (CxDxE) (mm)	Inner Box QTY	Carton Size (XxYxZ) (mm)	Carton QTY
4.3~8.5	160 x 190	1,000	160 x 216 x 48	2,000	350 x 455 x 270	40,000
9.5	160 x 190	1,000	160 x 216 x 61	2,000	350 x 455 x 270	32,000
10.5~15.3	160 x 190	1,000	160 x 216 x 48	1,000	350 x 455 x 270	20,000



REVISION HISTORY

rev.	description	date
1.0	initial release	04/13/2022
1.01	logo, datasheet style update	08/05/2022

The revision history provided is for informational purposes only and is believed to be accurate.



CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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