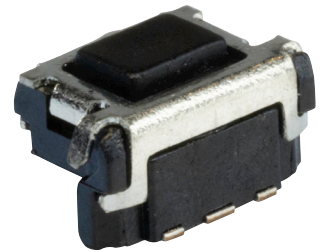


SERIES: TS22 | **DESCRIPTION:** TACTILE SWITCH

FEATURES

- 160 or 260 gf models
- surface mount


SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage		2		15	Vdc
rated current		0.01		20	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	for 1 minute at 100 Vdc	100			MΩ
operating force	see force table				
actuator travel		0.05	0.15	0.25	mm
operating temperature		-30		80	°C
storage temperature		-40		85	°C
life	at 5 Vdc, 5 mA, 2 cycles/second, 1.5 times operating force		100,000		cycles
vibration	10~55~10 Hz, 1.5 mm amplitude, 2 hours on each XYZ				
flammability rating	see material table				
RoHS	yes				

PART NUMBER KEY

TS22 - 45 - 035 - BK - XXX - SMT - TR

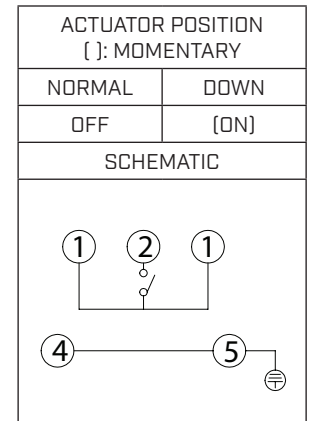
Base Number

Push Force:
 160 = 160 gf
 260 = 260 gf

MECHANICAL DRAWING

units: mm
 tolerance: ± 0.2 mm
 unless otherwise noted

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	terminal	phosphor copper	silver
2	base	PA6T [UL94HB]	black
3	contact	SUS	silver
4	cover	SUS	nickel
5	tape	polyimide	
6	stem	PA46 [UL94HB]	black



Recommended PCB Layout
 Top View

Operating Force Table		
Model	Press Force [gf]	Return Force [gf]
160	160 ± 50	>30
260	260 ± 70	>30

REVISION HISTORY

rev.	description	date
1.0	initial release	06/14/2023

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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