

TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
SWITCHESROCKER
SWITCHESSLIDE
SWITCHESSNAP-ACTION
SWITCHESDIP
SWITCHESKEYLOCK
SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP
OPTIONS

SERIES TL 1100 SWITCHES

TACT SWITCHES - 12mm x 12mm



SPECIFICATIONS

Contact Rating:	50mA @ 12 VDC
Life Expectancy:	100,000 cycles
Contact Resistance:	100mΩ max., typical @ 2-4 VDC 100mA for both silver and gold plated contacts
Insulation Resistance:	100MΩ min.
Dielectric Strength:	250VAC
Actuation Force:	160± 50 gf, 260± 50 gf
Operating Temperature:	-20°C to 70°C
Travel:	0.3 Typ.

FEATURES & BENEFITS

- ▶ Reliable dome contact technology
- ▶ Strong tactile/audible feedback
- ▶ Multiple operating force options

APPLICATIONS/MARKETS

- ▶ Telecommunications
- ▶ Consumer Electronics
- ▶ Audio/visual
- ▶ Medical
- ▶ Testing/instrumentation
- ▶ Computer/servers/peripherals



HOW TO ORDER

SERIES	MODEL NO.	ACTUATOR ("L" Dimension)	OPERATING FORCE	CONTACT MATERIAL	CAP (Where Avail.)	CAP COLOR
TL	1100	(None)* = 3.3mm ☐ A = 3.8mm ☐ B = 4.554mm D = 4.3mm E = 7.5mm F = 12mm Right Angle Options C* = 6.45mm ☐ G = 11.2mm	F160 F260	Q = Silver R = Gold	See Cap Options *Caps available for these options only	



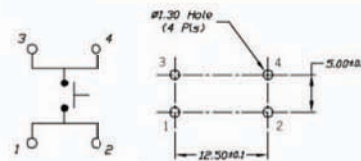
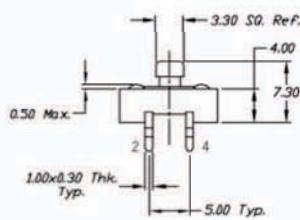
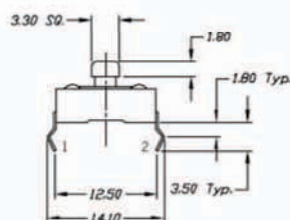
Example Ordering Number

TL-1100-C-F260-Q-TAK-GRY

☐ – Square Snap-on Actuator Head
"L" Dimension is 7.5mm

Specifications subject to change without notice.

TL 1100

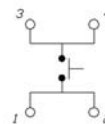
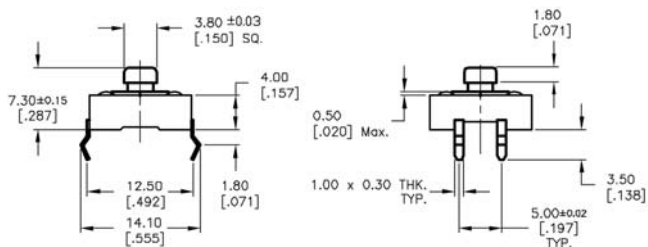


SCHEMATIC

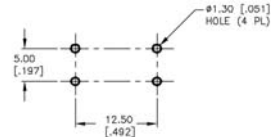
P.C. MOUNTING



TL 1100 A

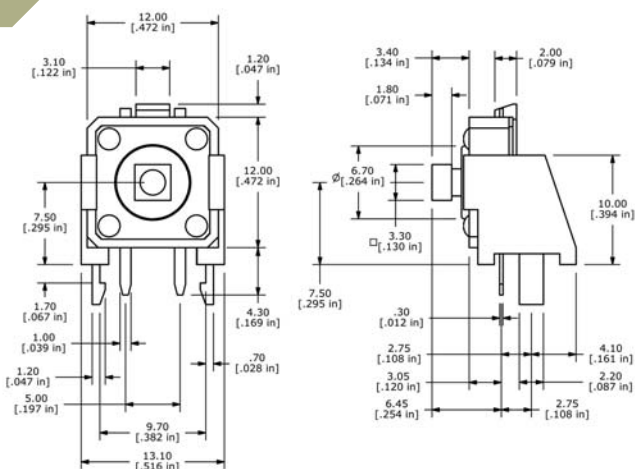


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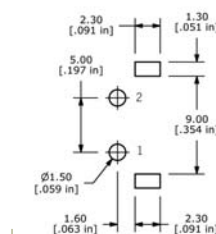


P.C. MOUNTING

TL 1100 C

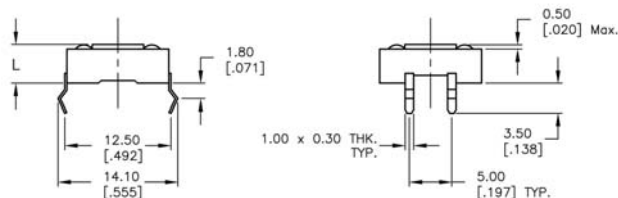


SCHEMATIC



P.C. MOUNTING

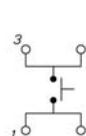
TL 1100 B & D



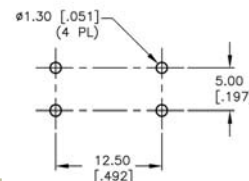
Actuator Length
(L) in mm

B = 4.55mm

D = 4.3mm

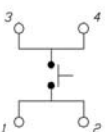
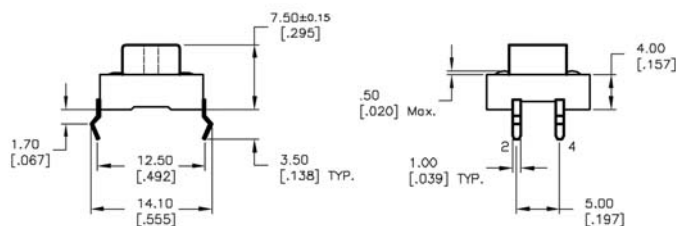


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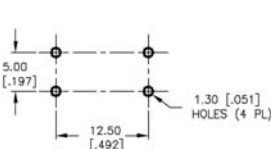


P.C. MOUNTING

TL 1100 E



SCHEMATIC



P.C. MOUNTING



SERIES TL1100 SWITCHES

TACT SWITCHES - 12mm x 12mm

TACT
SWITCHES

NAVIGATION
SWITCHES

PUSHBUTTON
SWITCHES

TOGGLE
SWITCHES

ROCKER
SWITCHES

SLIDE
SWITCHES

SNAP-ACTION
SWITCHES

DIP
SWITCHES

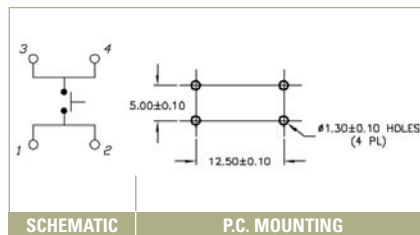
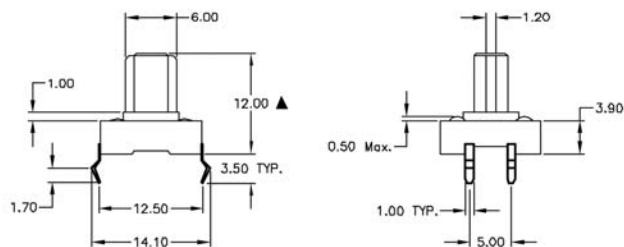
KEYLOCK
SWITCHES

ROTARY
SWITCHES

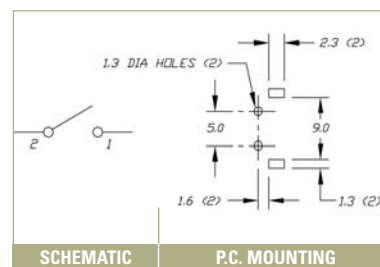
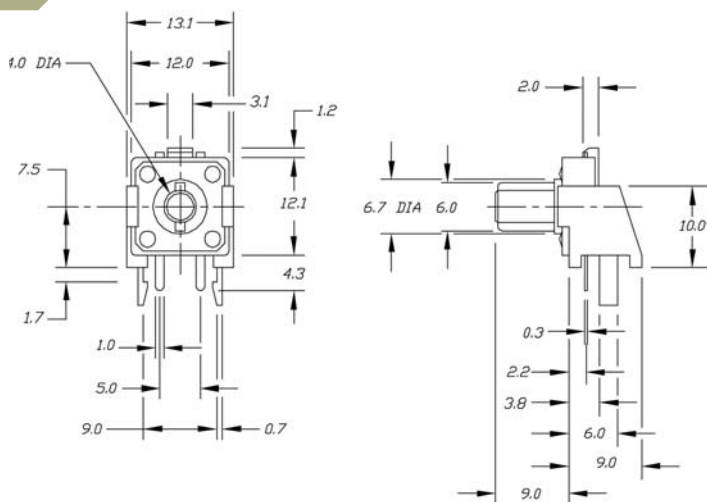
DETECTOR
SWITCHES

CAP
OPTIONS

TL 1100 F



TL 1100 G



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

E-Switch:

[TL1100CF160Q](#) [TL1100GF160Q](#) [TL1100DF160Q](#) [TL1100FF160Q](#) [TL1100EF160Q](#) [TL1100BF160Q](#)
[TL1100F160Q6JBLK](#) [TL1100F260Q](#) [TL1100F160Q](#) [TL1100TF260Q](#) [TL1100TF260R](#) [TL1100EF160QSSDOME](#)
[TL1100EF260Q](#) [TL1100F260Q4JWHT](#) [TL1100AF160Q](#) [TL1100BF260Q](#) [TL1100CF160Q.08BLK](#)
[TL1100CF160Q.08RED](#) [TL1100CF160Q.09BLU](#) [TL1100CF160Q.09GRY](#) [TL1100CF160Q4JBLK](#)
[TL1100CF160Q4JGRY](#) [TL1100CF160Q5JGRY](#) [TL1100CF160Q6JBLK](#) [TL1100CF260Q.08RED](#) [TL1100DF260Q](#)
[TL1100F160Q4JBLK](#) [TL1100F160Q4JWHT](#) [TL1100F160Q5JBLK](#) [TL1100F160Q6JGRY](#) [TL1100F160Q6JRED](#)
[TL1100F260Q4JBLK](#) [TL1100F260Q4JGRY](#) [TL1100F260Q5JBLK](#) [TL1100F260Q5JBLU](#) [TL1100F260R](#)
[TL1100RF260Q](#) [TL1100SF260Q](#) [TL1100F260Q6JGRY](#) [TL1100CF260R](#)