

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	



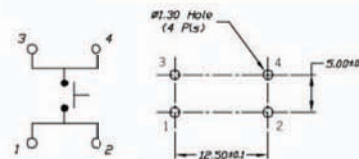
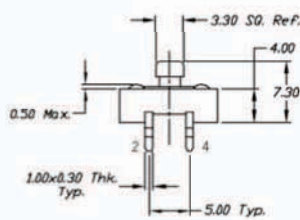
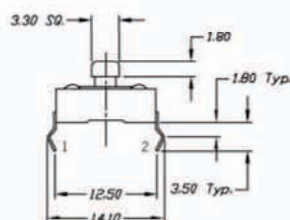
Example Ordering Number

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

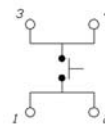
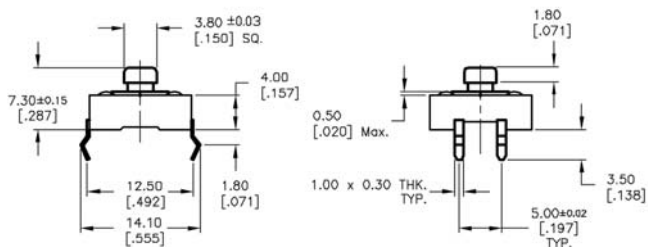


SCHEMATIC

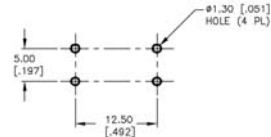
P.C. MOUNTING



TL 1100 A

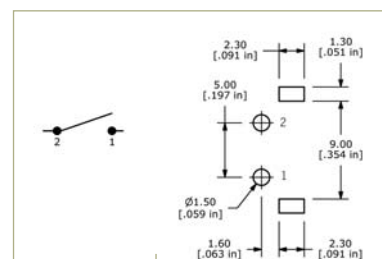
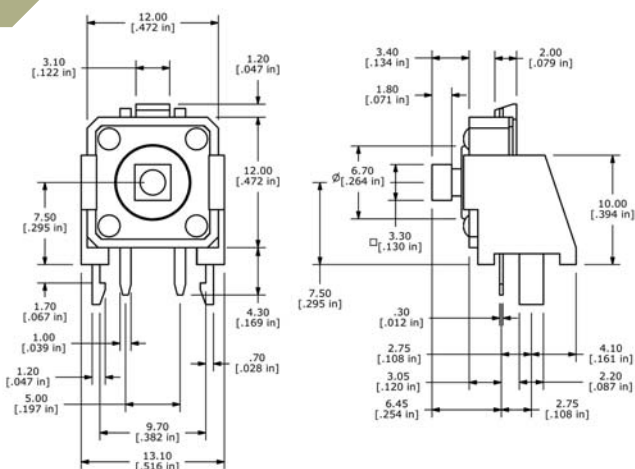


SCHEMATIC



P.C. MOUNTING

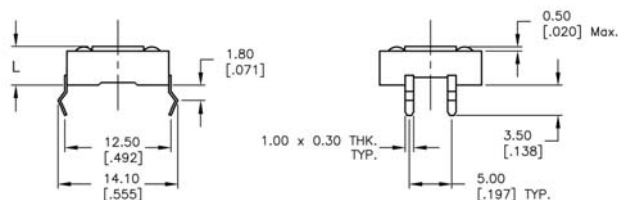
TL 1100 C



SCHEMATIC

P.C. MOUNTING

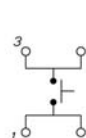
TL 1100 B & D



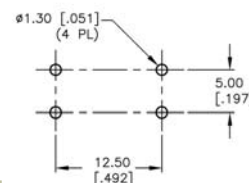
Actuator Length
(L) in mm

B = 4.55mm

D = 4.3mm

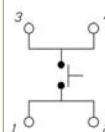
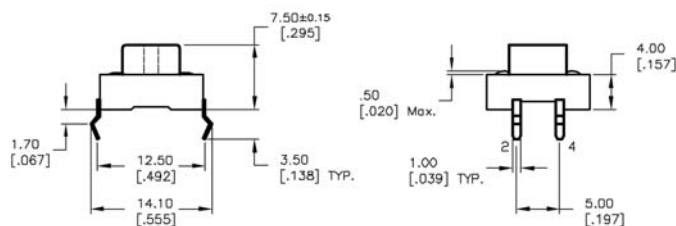


SCHEMATIC

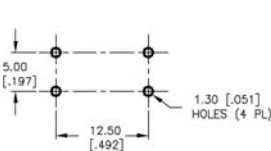


P.C. MOUNTING

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

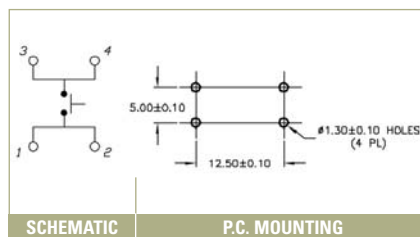
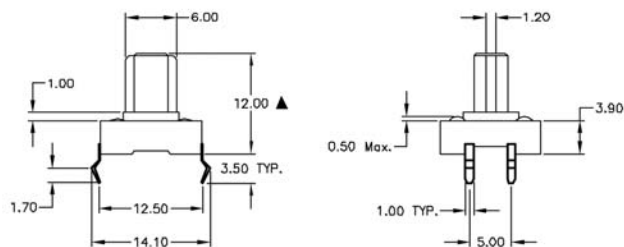
KEYLOCK
SWITCHES

ROTARY
SWITCHES

DETECTOR
SWITCHES

CAP
OPTIONS

TL 1100 F



TL 1100 G

