

SERIES TL 1100 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



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

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.

MATERIALS

Housing:	Polyester
Actuator:	Polyester
Cover:	Polyester
Contacts:	Silver plated phosphor bronze
Terminals:	Silver plated copper alloy



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	F160 F260	Q = Silver R = Gold	See Cap Options	
		Right Angle Options C* = 6.45mm ☐ G = 11.2mm				

*Caps available for these options only



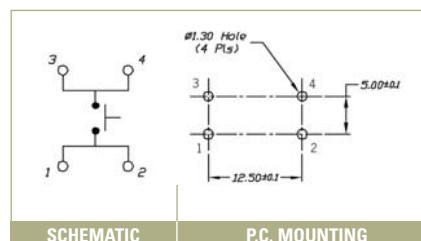
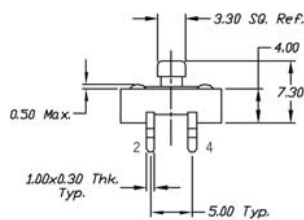
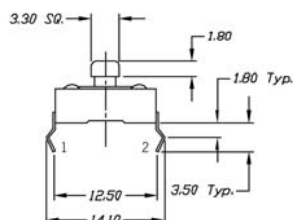
Example Ordering Number

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



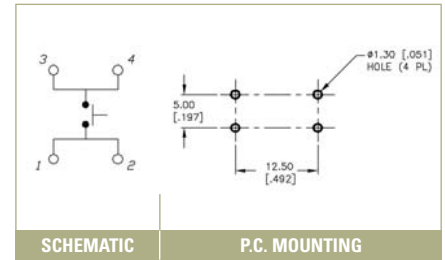
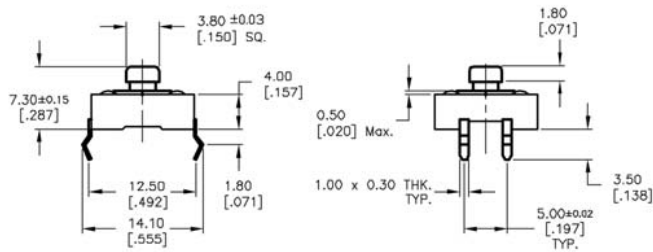
SCHEMATIC

P.C. MOUNTING

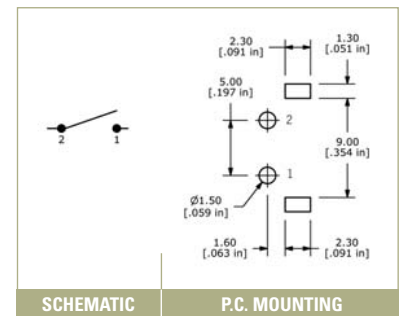
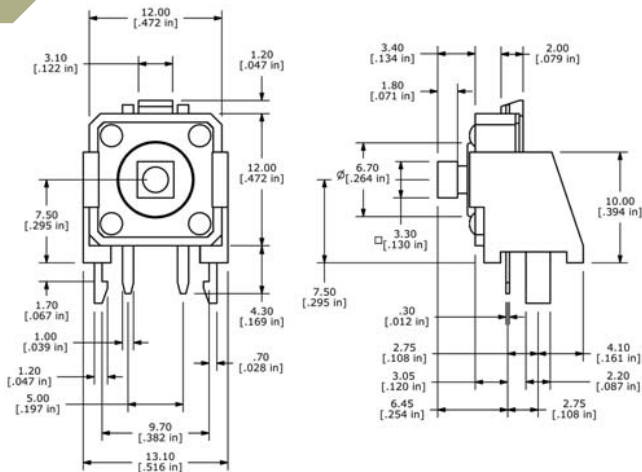


E-SWITCH®

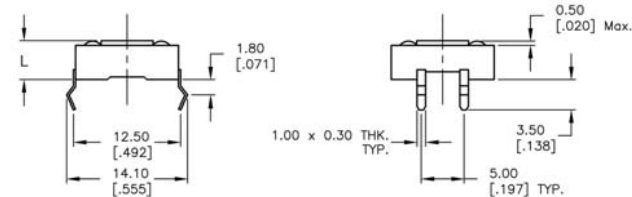
TL 1100 A



TL 1100 C



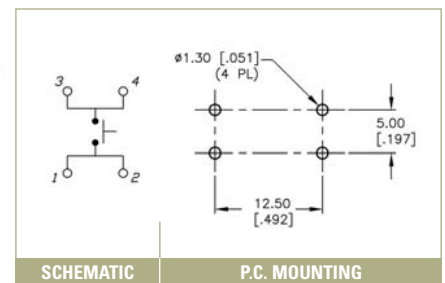
TL 1100 B & D



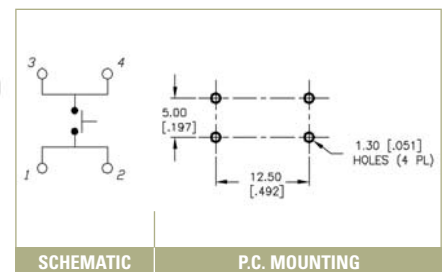
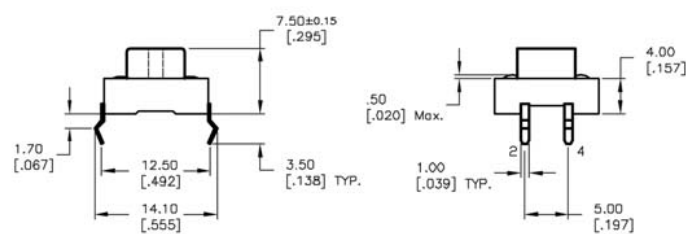
**Actuator Length
(L) in mm**

B = 4.55mm

D = 4.3mm



TL 1100 E

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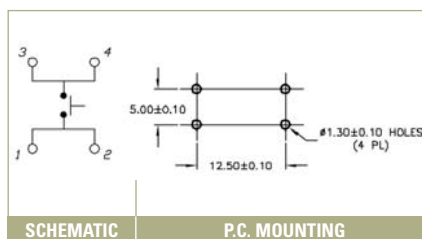
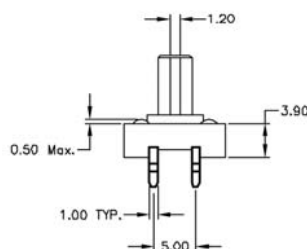
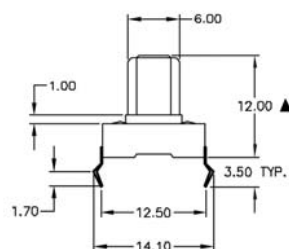
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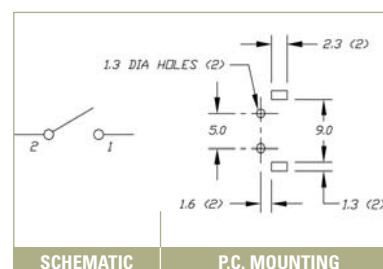
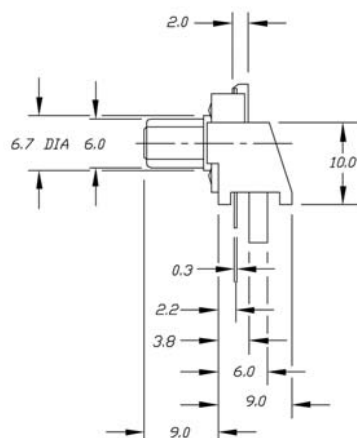
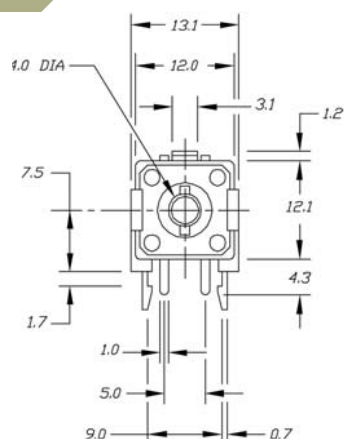
TL 1100 F



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TL 1100 G



SCHEMATIC

P.C. MOUNTING