



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 ☐ D = 4.3mm E = 7.5mm F = 12mm	F160 F260	Q = Silver R = Gold	See Cap Options *Caps available for these options only	
		Right Angle Options C* = 6.45mm ☐ G = 11.2mm				



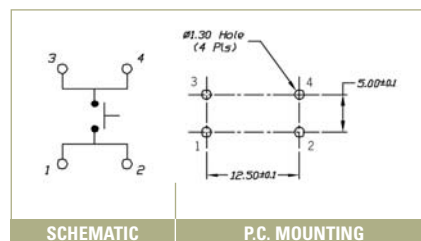
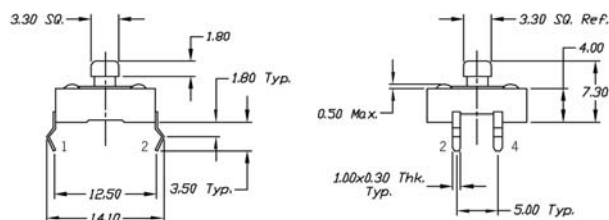
Example Ordering Number

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

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

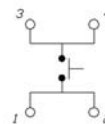
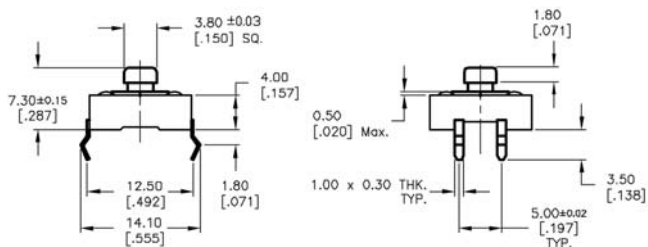
Specifications subject to change without notice. 6.9.22

TL 1100

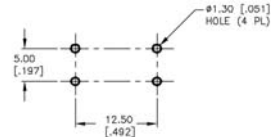




TL 1100 A

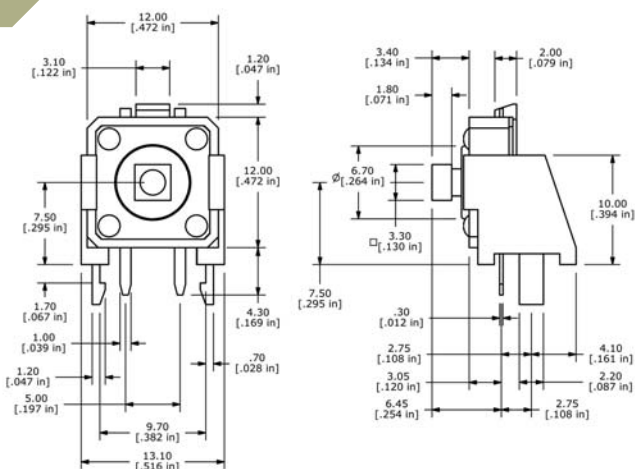


SCHEMATIC

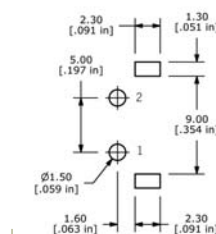


P.C. MOUNTING

TL 1100 C

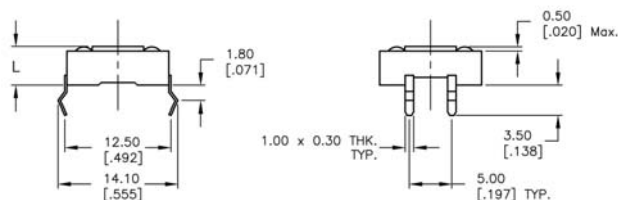


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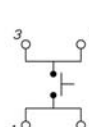
P.C. MOUNTING

TL 1100 D

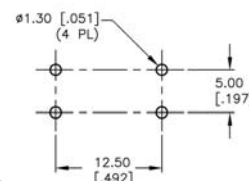


Actuator Length
(L) in mm

D = 4.3mm

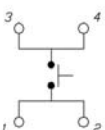
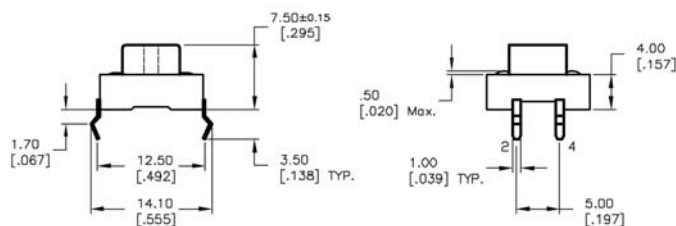


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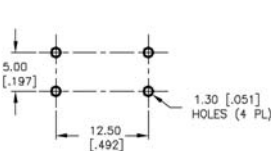


P.C. MOUNTING

TL 1100 E



SCHEMATIC



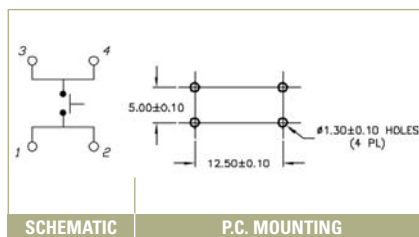
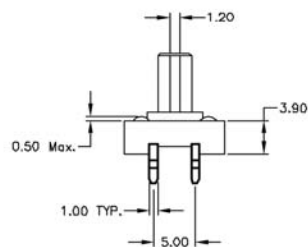
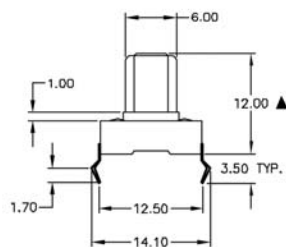
P.C. MOUNTING

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SWITCHESCAP
OPTIONS

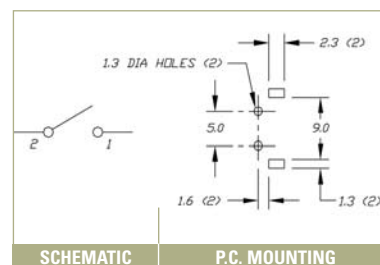
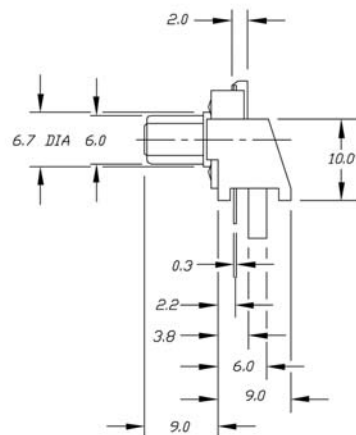
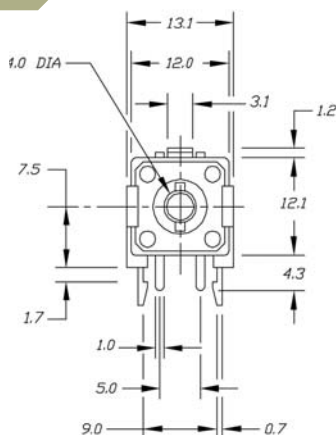
SERIES TL1100 SWITCHES

TACT SWITCHES - 12mm x 12mm

TL 1100 F



TL 1100 G



Mouser Electronics

Authorized Distributor

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

[E-Switch:](#)

[TL1100FF160R](#) [TL1100F160Q5JBLU](#) [TL1100F160Q8JBLKTRAY](#)