SERIES TL 1100 SWITCHES

TACT SWITCHES - 12mm x 12mm

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

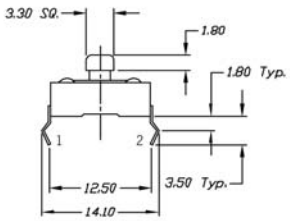
Example Ordering Number

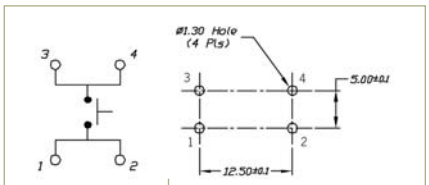
TL – 1100 – C – F260 – Q – TAK – GRY

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

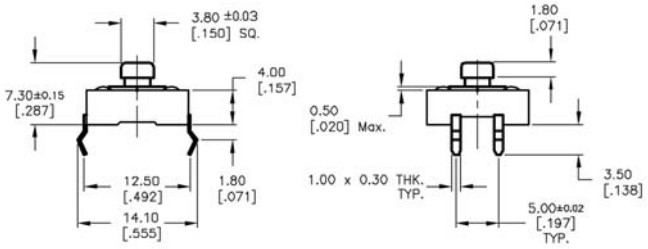
Specifications subject to change without notice. 6.9.22

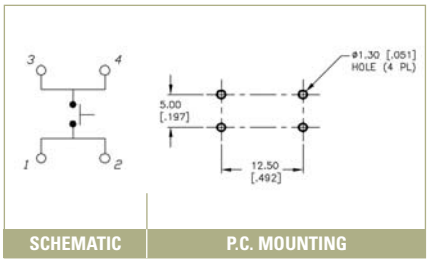
TL 1100



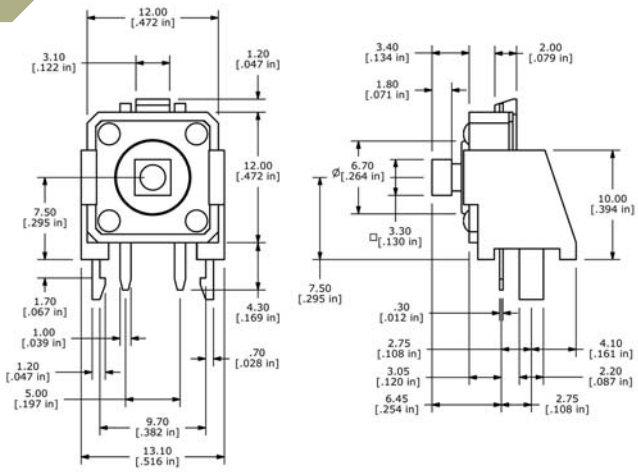


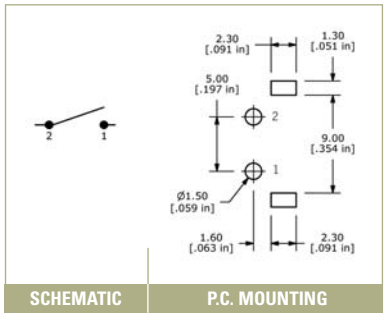
TL 1100 A



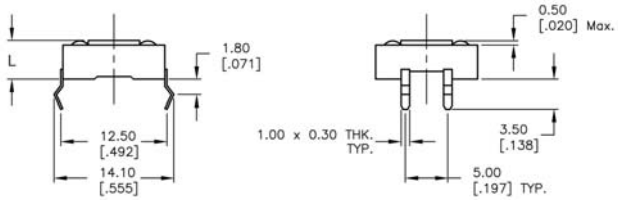


TL 1100 C



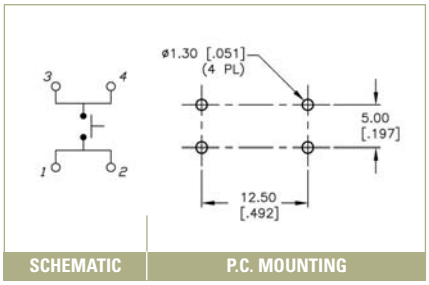


TL 1100 D

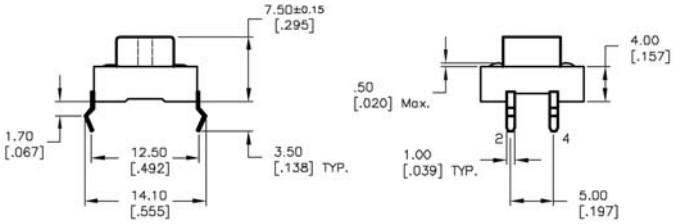


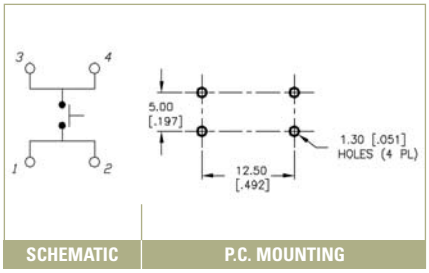
Actuator Length (L) in mm

D = 4.3mm



TL 1100 E





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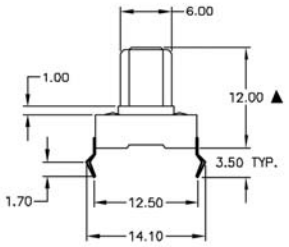
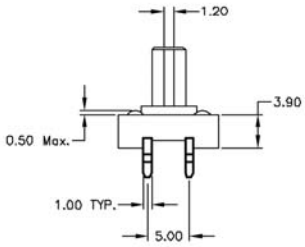
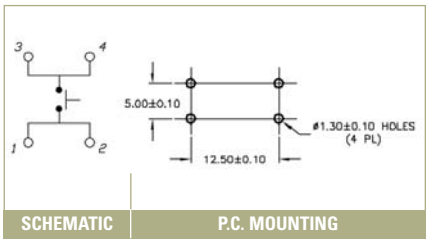
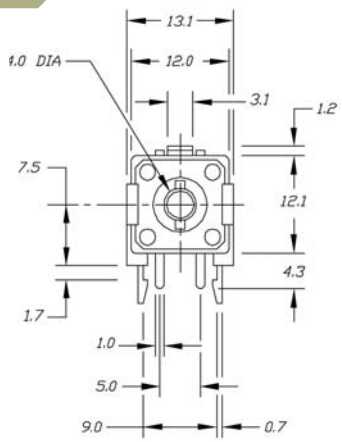
TL 1100 F

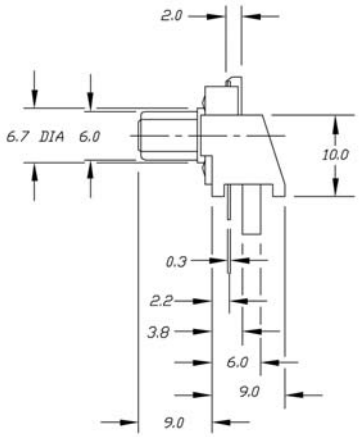


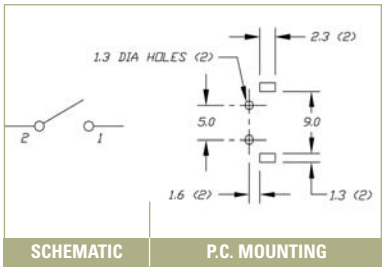




TL 1100 G







Mouser Electronics

Authorized Distributor

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

E-Switch:

TL1100CF160Q TL1100GF160Q TL1100DF160Q TL1100FF160Q TL1100EF160Q TL1100BF160Q TL1100F160Q6JBLK TL1100F260Q TL1100F160Q TL1100TF260Q TL1100EF260Q TL1100F260Q4JWHT TL1100AF160Q TL1100AF260Q TL1100CF160Q.08BLK TL1100CF160Q.08RED TL1100CF160Q4JBLK TL1100CF160Q5JGRY TL1100CF160Q6JBLK TL1100DF260Q TL1100F160Q4JBLK TL1100F160Q4JWHT TL1100F160Q5JBLK TL1100F160Q6JGRY TL1100F160Q6JRED TL1100F260Q4JBLK TL1100F260Q4JGRY TL1100F260Q5JBLK TL1100F260Q5JBLU TL1100RF260Q TL1100F260Q6JGRY TL1100EF160R TL1100FF260Q TL1100FF160R TL1100CF160Q.09BLK TL1100F160R TL1100CF160Q.08BLU TL1100F160Q5JBLU