

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



# Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China







# **SERIES TL 53 SWITCHES**

TACT SWITCHES - Dual



#### **FEATURES & BENEFITS**

- ► Two independent switches in a single package
- ► Stacked design
- ► Reliable dome contact technology

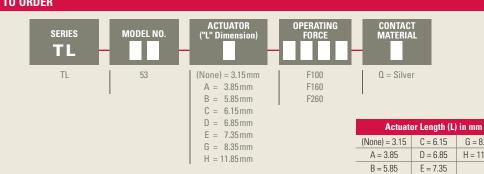
#### APPLICATIONS/MARKETS

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

SPECIFICATIONS	
Contact Rating:	50mA @ 12 VDC
Life Expectancy:	100,000 cycles
Contact Resistance:	100m $\Omega$ max., typical @ 2-4 VDC 100mA for both silver and gold plated contacts
Insulation Resistance:	100mΩ min.
Dielectric Strength:	250VAC
Actuation Force:	100 ± 50 gf, 160 ± 50 gf, 250 ± 50 gf
Operating Temperature:	-20°C to 70°C
Travel:	0.25 Typ

MATERIALS	
Housing:	Polyester
Actuator:	Acetal
Cover:	Tin plated steel
Contacts:	Silver plated phosphor bronze
Terminals:	Silver plated brass





Operating Force  $F100 = 100 \pm 50gf$  $F160 = 160 \pm 50gf$  $F260 = 260 \pm 50gf$ 

Specifications subject to change without notice.

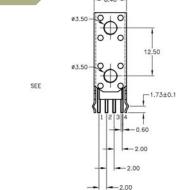
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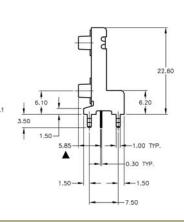
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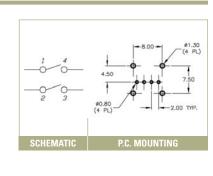
### **Example Ordering Number** TL-53-B-F100-Q

## **TL 53**









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Phone: 800-867-2717 Fax: 763-531-8235