



**THE DATASHEET OF
TL53HF160Q**



SERIES TL 53 SWITCHES

TACT SWITCHES - Dual

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

- ▶ 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:	100mΩ 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

HOW TO ORDER

SERIES	MODEL NO.	ACTUATOR ("L" Dimension)	OPERATING FORCE	CONTACT MATERIAL
TL	53	(None) = 3.15mm A = 3.85mm B = 5.85mm C = 6.15mm D = 6.85mm E = 7.35mm G = 8.35mm H = 11.85mm	F100 F160 F260	Q = Silver

Actuator Length (L) in mm

(None) = 3.15	C = 6.15	G = 8.35
A = 3.85	D = 6.85	H = 11.85
B = 5.85	E = 7.35	

Operating Force

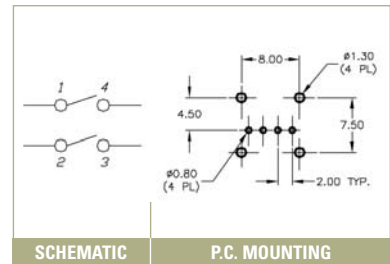
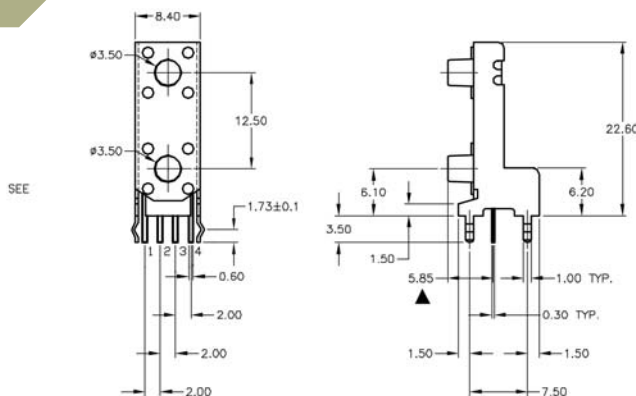
F100 = 100 ± 50gf
F160 = 160 ± 50gf
F260 = 260 ± 50gf

Example Ordering Number

TL-53-B-F100-Q

Specifications subject to change without notice.

TL 53





SCHEMATIC

P.C. MOUNTING

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View TL53HF160Q on WIN SOURCE](#)
-  [E-Switch Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management