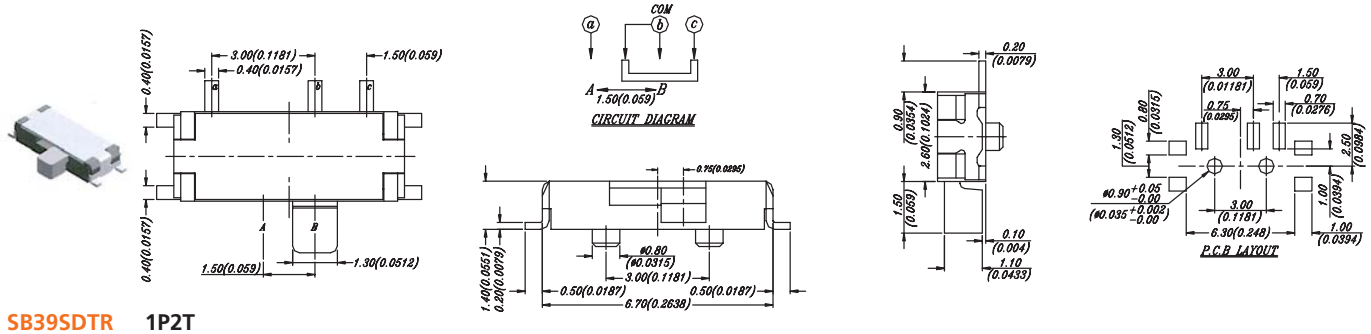
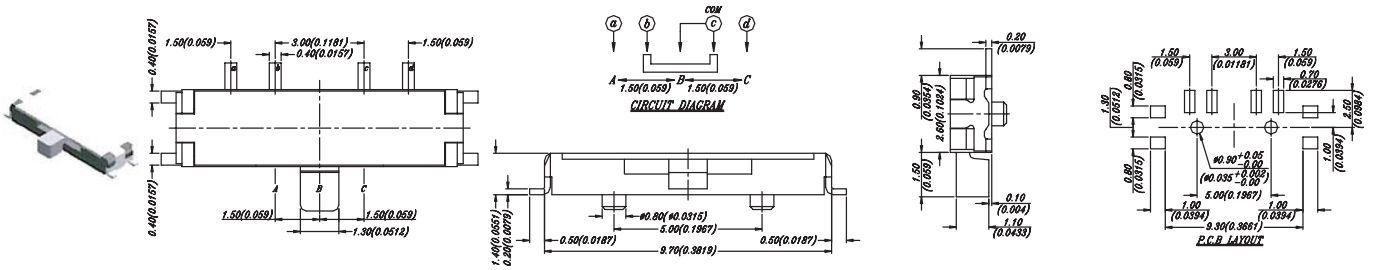
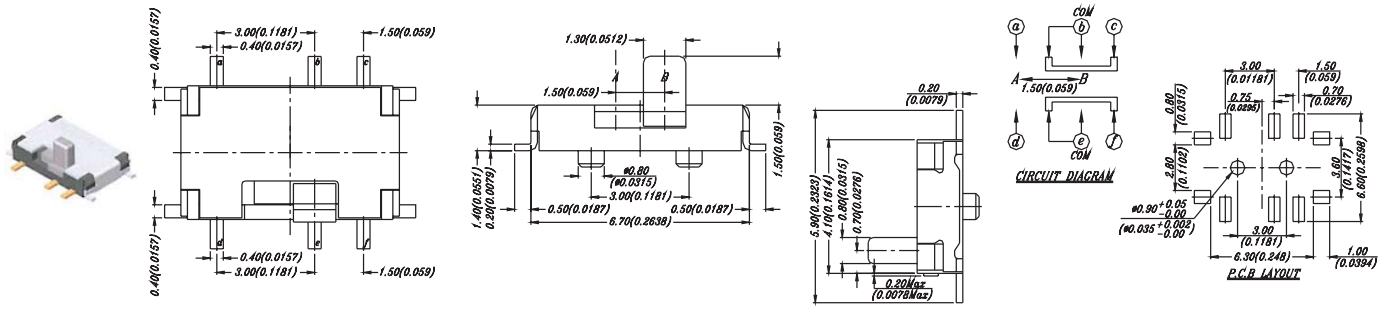
Miniature SMT Slide Switches — SB39 Series



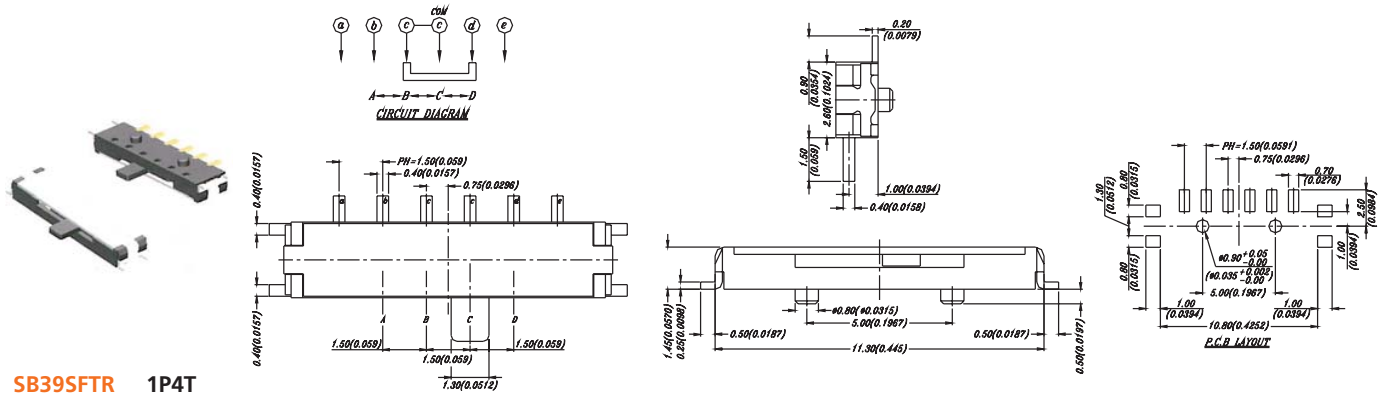
SB39SDTR 1P2T



SB39STTR 1P3T



SB39DDTR 2P2T



SB39SFTR 1P4T

How to order:

SB39 [1] [2]

[1] POLES & POSITIONS:
- SD 1P2T
- ST 1P3T
- DD 2P2T
- SF 1P4T

[2] PACKAGING:
- TR Tape and Reel

Packing Unit:
- SB39SDTR: 2500 pcs / reel
- SB39STTR: 2500 pcs / reel
- SB39DDTR: 1400 pcs / reel
- SB39SFTR: 2500 pcs / reel

NOTE:
1.ALL DIMENSIONS ARE IN MILLIMETERS,BRACKETED DIMENSIONS ARE IN INCHES.
2.GENERAL TOLERANCES MAX.±0.20mm.

Downloaded from Elcodis.com electronic components distributor

SPECIFICATION

△MECHANICAL

Prod	Operation Force:
SB39SDTR	150±100gf（1.47N±0.98N）
SB39STTR	A→B 150±100gf（1.47N±0.98N）
	B→C 200±150gf（1.96N±1.47N）
	C→B 150±100gf（1.47N±0.98N）
	B→A 200±150gf（1.96N±1.47N）
SB39DDTR	200±150gf（1.96N±1.47N）
SB39SFTR	B→C 200±150gf（1.96N±1.47N）
	C→D 200±150gf（1.96N±1.47N）
	C→B 200±150gf（1.96N±1.47N）
	B→A 200±150gf（1.96N±1.47N）
	A→B 150±100gf（1.47N±0.98N）
	D→C 150±100gf（1.47N±0.98N）

Stroke: 1.5mm
Operation Temperature: -20℃ to +70℃
Storage Temperature: -40℃ to +85℃

△ELECTRICAL
Electrical Life: 10,000 cycles
Non-switching Rating: 300mA , 4VCD
Switching Rating: 25mA,24VDC
Contact Resistance: 100mΩ max.
Insulation Resistance: 100MΩ min. (500VDC)
Dielectric Strength: 500VAC/ 1minute
Capacitance : 5pF max.
Circuit: SPDT, SP3T, DPDT,SP4T

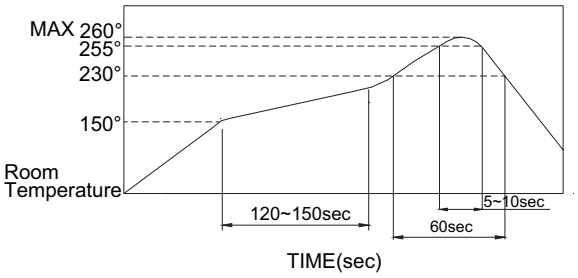
MATERIAL

△COVER: Nickel silver
△BASE: LCP High-Temp thermoplastic
Color: Black
△CONTACT: Alloy copper, gold plated
△TERMINAL: Brass , gold plated
△SPRING PLATE: Stainless steel

SOLDERING PROCESS

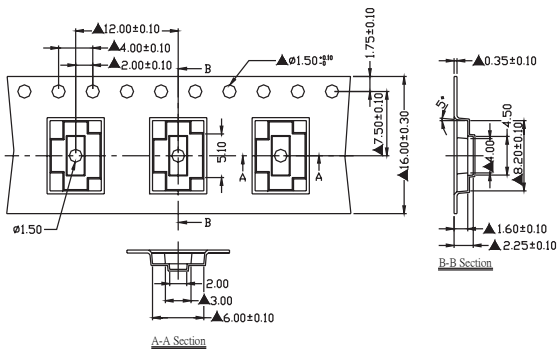
△HAND SOLDERING: Use a soldering iron of 30 watts, controlled at 350℃approximately 5 seconds.

△REFLOW SOLDERING: When applying reflow soldering, the peak temperature or the reflow oven should be set at 260℃max.

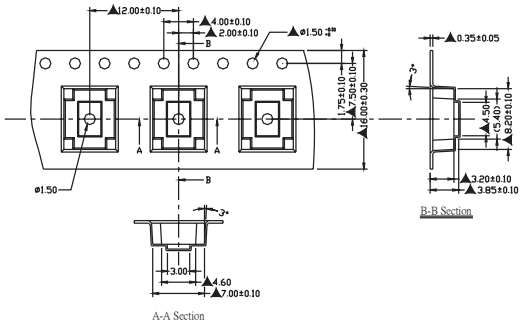


TAPE & REEL PACKAGING

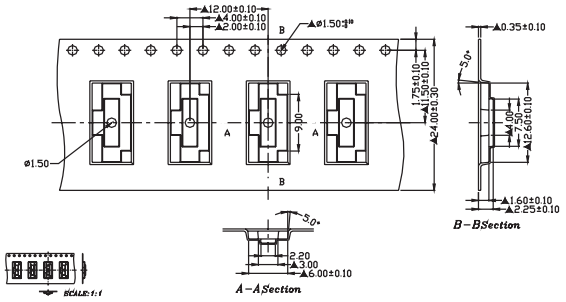
SB39SDTR



SB39DDTR



SB39SFTR



General Tolerance： ±0.1mm

Downloaded from Elcodis.com electronic components distributor