

# ESD/ESL SERIES

END-STACKABLE SMT TYPE



## FEATURES

- End stackable for standard 0.1" integrated circuit pitch.
- Molded 0.3" integrated circuit packing outline allowing automatic insertion.
- Smaller size makes better heat convection during PC board reflow wave soldering.
- Top tape sealed to withstand wave soldering, board washing.
- All plastics are UL 94V-0 grade fire retardant.
- Twin contacts designed to ensure stable contact.
- Gold plated contact to ensure low contact resistance and Tin plated terminals to prevent contamination during soldering.

## SPECIFICATIONS

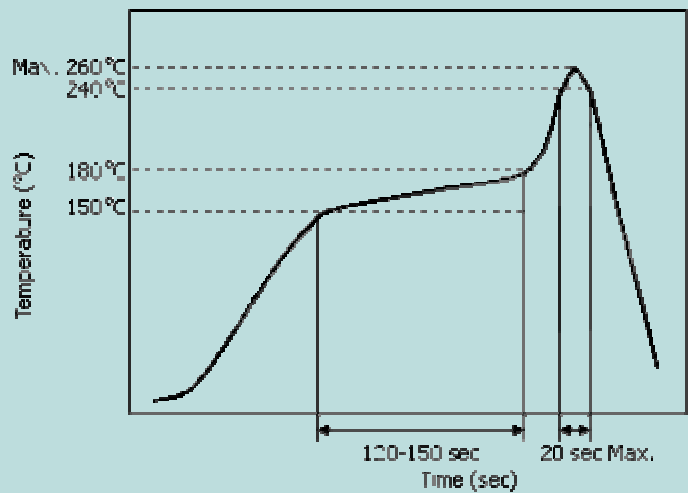
### 1. ELECTRICAL

Contact rating	switching: 25mA, 24VDC
	non-switching: 100mA
Contact resistance	initial: 50m $\Omega$ Max.
	after life test: 100m $\Omega$ Max.
Insulation resistance	1000M $\Omega$ Min. at 100VDC
Dielectric strength	500VDC Min. for 60 seconds
Capacitance between adjacent switches 5pF Max.	

### 2. MECHANICAL

Temperature rating	operating: -25 $^{\circ}$ C to +70 $^{\circ}$ C
	storage: -40 $^{\circ}$ C to +85 $^{\circ}$ C
Operation force	800g Max.
Mechanical life	2000 operations
Humidity	95%RH, 40 $^{\circ}$ C for 96 Hrs.
Vibration	Per MIL-STD-202F, method 204D

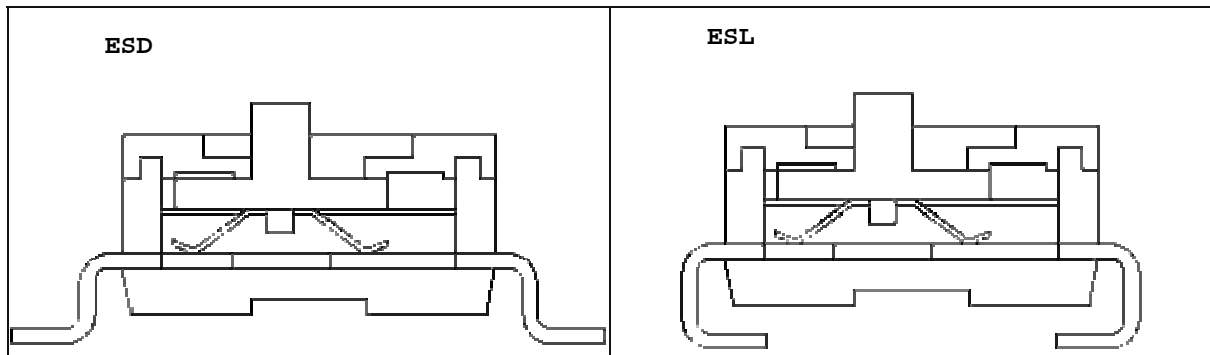
Reflow soldering heat for SMT type (reference only)



## PART NUMBERING SYSTEM

ESD	1	08	L	X	
					+---
					Blank:Standard
					Z:RoHS Compliant
					+---
					Actuator, Sealing and Rows Spacing Options:
					L:Low Profile Actuator
					E:Extended Actuator
					LT:Top Tape Sealed & Low Profile Actuator
					LC:Tape & Reel Package, product without Top Tape sealed
					LD:Tape & Reel Package, product with Top Tape sealed
					+---
					Number of Positions:
					1,2,3,4,5,6,7,8,9,10,12
					(ESL series: 1 pole switch is unavailable)
					+---
					Contact form:SPST
					+---
					Series name:
					ESD:Surface mounting "S" type(Gull Wing)
					ESL:Surface mounting "L" type(T-Bend)

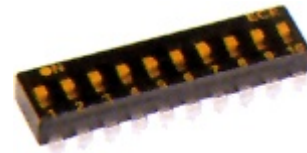
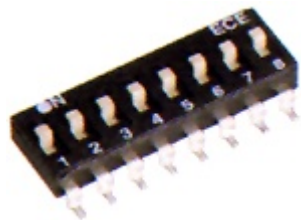
## CONSTRUCTION



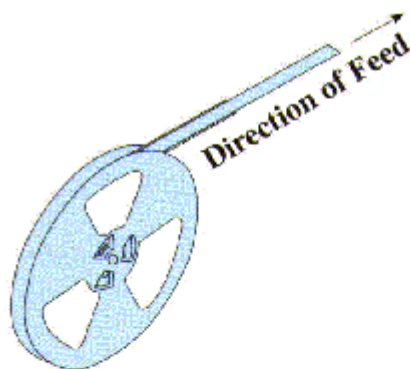
## OPTIONS

1. Special marking and case color available
2. Extended Actuator

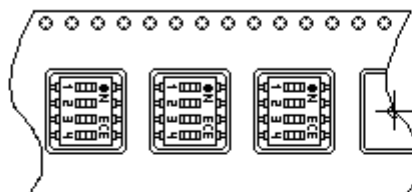
3. Top Tape Sealed



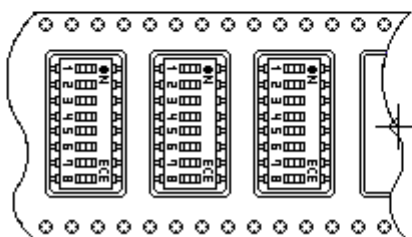
4. Tape & Reel Packaging (per EIA STANDARD)



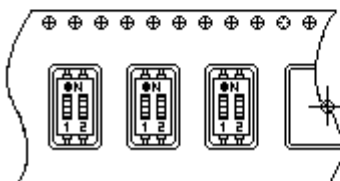
For 3P-6P  
→ Direction of feed



For 7P-12P  
→ Direction of feed



For 1P-2P  
→ Direction of feed



Pole	No. of pcs per reel
1P	2000
2P	1300
3P	1000
4P	1000
5P	1000
6P	1000
7P	1000
8P	1000
10P	1000
12P	1000

(ESL series: 1 pole switch is unavailable)

# DIMENSIONS AND CIRCUITRY

