

EHS SERIES

HALF PITCH SMT TYPE, THE LOWEST PROFILE DIP SWITCH



FEATURES

- Standard 0.05" integrated circuit pitch.
- Smaller size makes better heat convection during PC board wave soldering.
- Top tape sealed to withstand wave soldering, board washing.
- All plastics are UL 94V-0 grade fire retardant.
- Gold plated contact to ensure low contact resistance and long operation life.
- RoHS Compliant

APPLICATIONS

- Hand-held electronic devices, such as PDA, MP3, radios
- Portable computer and electronic devices, such as notebook, computers
- Instrumentation and industrial control products, such as CDROM, coin changers

SPECIFICATIONS

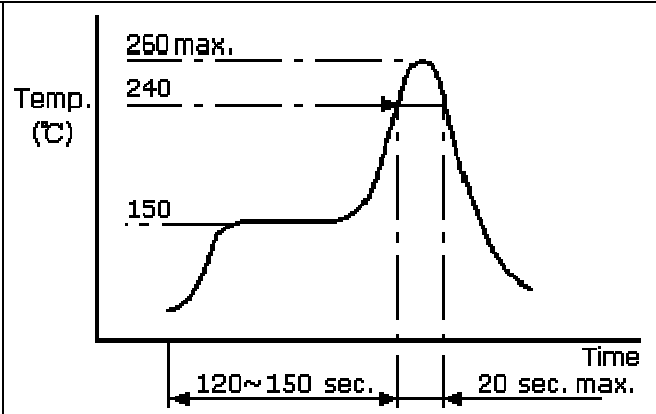
1.ELECTRICAL

Contact rating	switching	25mA, 24VDC
	non-switching	100mA
Contact resistance	100m Ω Max.	
Insulation resistance	500M Ω Min. at 100VDC	
Dielectric strength	300VAC Min. for 60 seconds	
Capacitance between adjacent switches 5pF Max.		

2.MECHANICAL

Temperature rating	operation	-25 $^{\circ}$ C~+70 $^{\circ}$ C
	storage	-40 $^{\circ}$ C~+85 $^{\circ}$ C
Operation force	800g Max.	
Mechanical life	1000 operations	
Humidity	95% RH, 40 $^{\circ}$ C for 96Hrs.	
Vibration	10Hz-55Hz-10Hz for 6Hrs.	

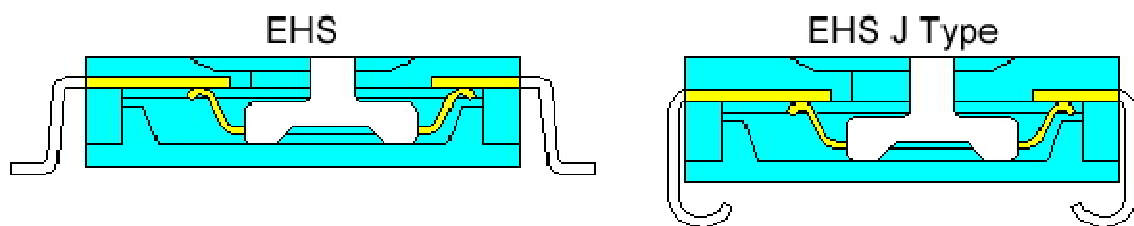
Reflow soldering heart for SMT type
(reference only)



PART NUMBERING SYSTEM

<u>EHS</u>	<u>1</u>	<u>06</u>	<u>XX</u>	<u>XX</u>	<u>J</u>	
						+--- Blank:Standard
						J:J-Hook Type
						+--- XX:Special Number
						+--- Sealing:
						L :Low Profile 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: 2,4,6,8,10
						+--- Contact Form: SPST
						+--- Series Name: EHS:Half Pitch SMT Type

CONSTRUCTION



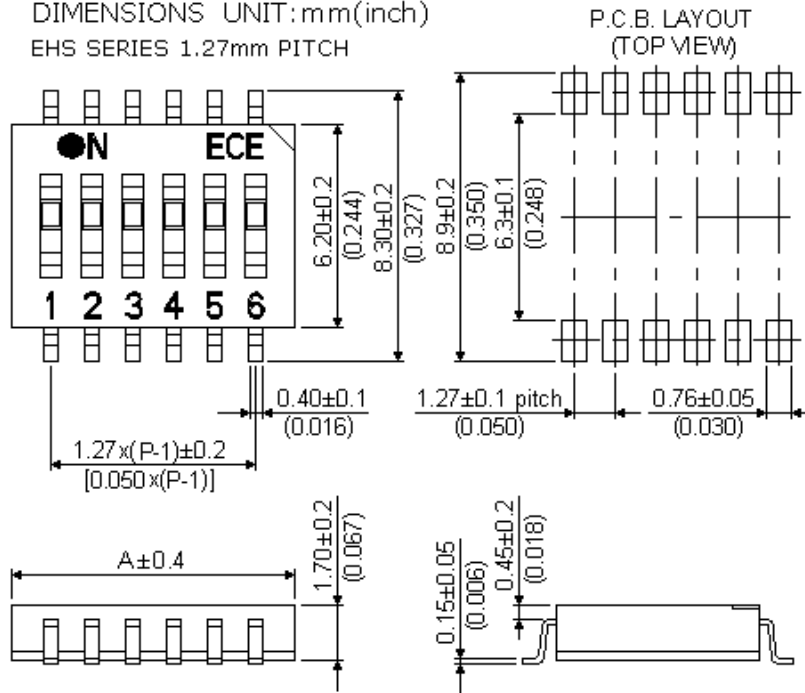
DIMENSIONS AND CIRCUITRY

EHS 1.27mm PITCH

EHS J-Hook Type



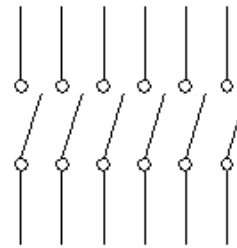
DIMENSIONS UNIT: mm(inch)
EHS SERIES 1.27mm PITCH



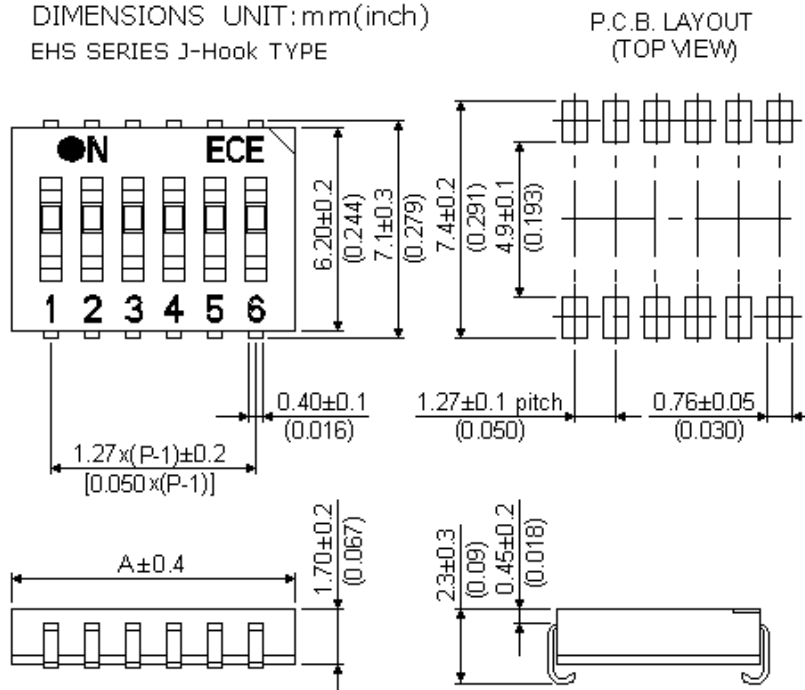
DIMENSION A

Positions	A
2	3.70 (0.146)
4	6.20 (0.244)
6	8.75 (0.344)
8	11.30 (0.445)
10	13.80 (0.543)

CIRCUIT DIAGRAM



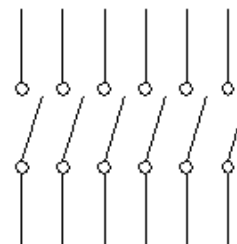
DIMENSIONS UNIT: mm(inch)
EHS SERIES J-Hook TYPE



DIMENSION A

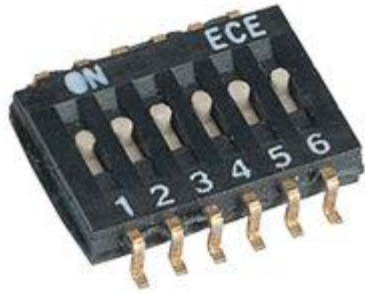
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CIRCUIT DIAGRAM



OPTIONS

Special marking and case color available



Top Tape Sealed



PACKAGING

1. Tape & Reel Packaging (Per EIA STANDARD)

