



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!



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Double-action Light Touch Switches

Japan

Type: **EVQPW**

■ Features

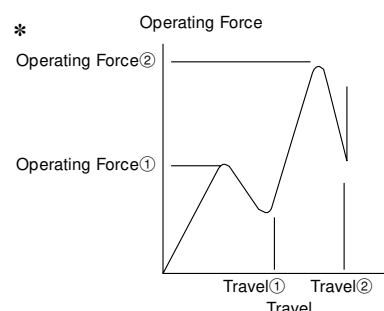
- Compact and super thin profile:
6.2 mm × 6.25 mm × 1.5 mm (H)
- Clear click operational feel in both the 1st push and 2nd push
- Dustproof, SMD application
- Positioning boss type available for manual soldering

■ Recommended Applications

- Shutter switches for still cameras
- Scroll and search switches for cellular telephones or camcorders
- Keyless entry systems

■ Explanation of Part Numbers

1	2	3	4	5	6	7	8	9	
E	V	Q	P	W		A	1	5	
4th & 5th		Type	6th		Terminal Shape	Boss	7th, 8th, 9th		Mounting Height
PW		Double-action	A		Straight	with	A15		1.5 mm
			B		J-bent	without			



■ Product Chart

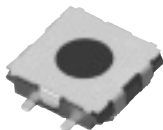
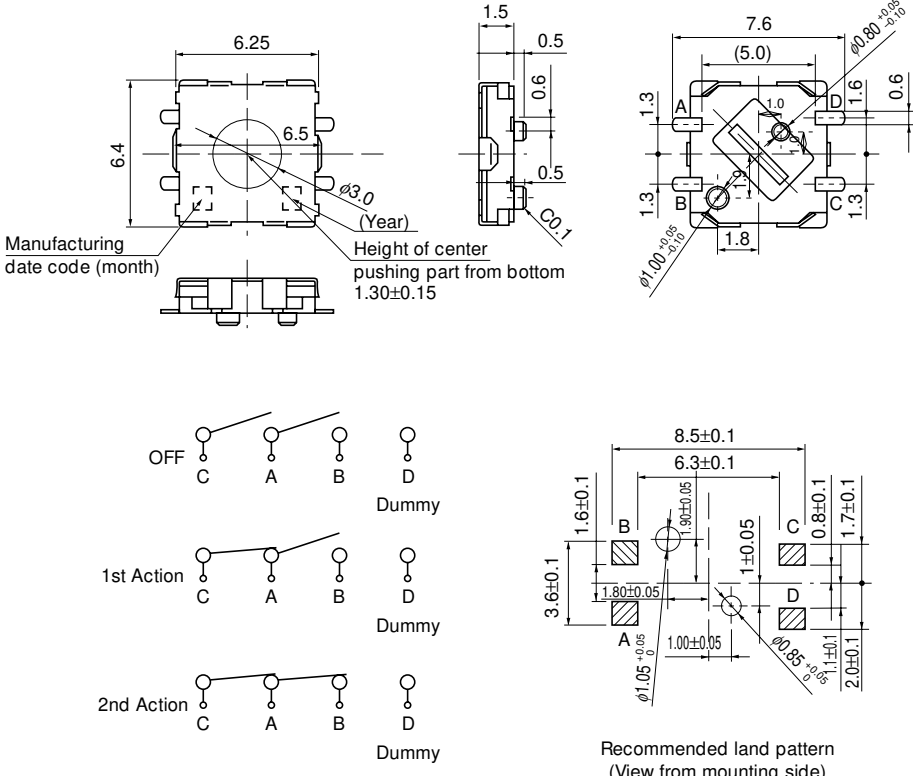
Part No.	Terminal Shape	Positioning Boss	Package Style
EVQPWA	Straight	with	Bulk
EVQPWB	J-bent	without	Embossed taping

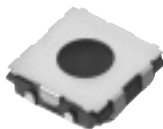
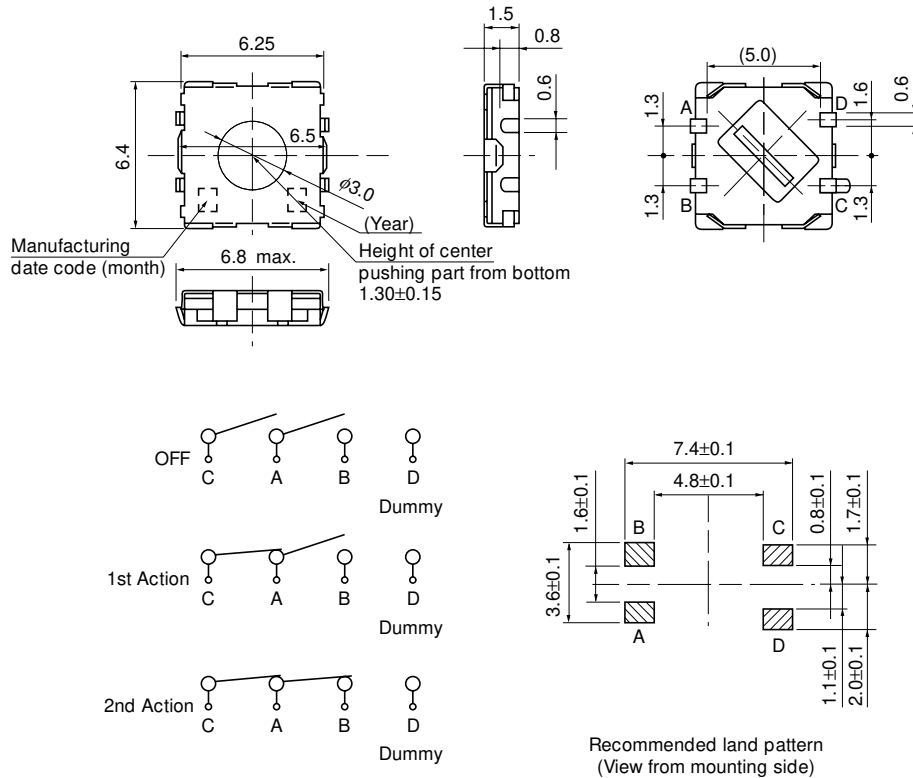
■ Specifications

Type	Snap action/Push-on type SPDT	
Electrical	Circuit Diagram	
	Rating	20 mA 15 Vdc max. (Resistive load)
	Contact Resistance	100 mΩ max.
	Insulation Resistance	50 MΩ min. (at 100 Vdc)
	Dielectric Withstanding Voltage	100 Vac for 1 minute
Mechanical	Bouncing	20 ms max. (ON, OFF)
	Operating Force ①*	1.0 N±0.5 N
	Operating Force ②*	2.6 N $\pm_{-0.5}^{+0.7}$ N
	Travel ①*	0.5 mm $\pm_{-0.2}^{+0.1}$ mm
Endurance	Travel ②*	0.7 mm $\pm_{-0.2}^{+0.1}$ mm
	Operating Life	30000 cycles min.
	Operating Temperature	-20 °C to +70 °C (45 % to 85 % RH)
Minimum Quantity/ Packing Unit	Storage Temperature	-40 °C to +85 °C (Bulk) -20 °C to +60 °C (Taping)
	EVQPWA	1000 pcs. Polyethylene Bag (Bulk)
Quantity/Carton	EVQPWB	5000 pcs. Embossed Taping (Reel Pack)
	EVQPWA	10000 pcs.
	EVQPWB	25000 pcs.

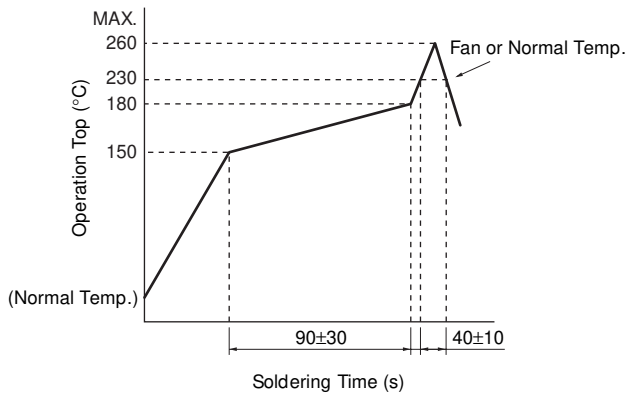
Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use.
Should a safety concern arise regarding this product, please be sure to contact us immediately.

■ Dimensions in mm (not to scale)

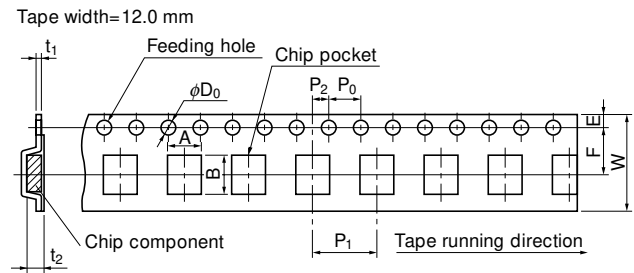
<div>No. 1</div> <div>EVQPWA</div> <div>(Bulk)</div> <div>Straight terminals</div> <div></div>	<div></div>		
Part Numbers	Operating Force	Height	Operating Life
EVQPWAA15	1 st Action/1.0 N 2 nd Action/2.6 N	1.5 mm	30000 cycles

<div>No. 2</div> <div>EVQPWB</div> <div>(Embossed Taping)</div> <div>J-bent terminals</div> <div></div>	<div></div>		
Part Numbers	Operating Force	Height	Operating Life
EVQPWBA15	1 st Action/1.0 N 2 nd Action/2.6 N	1.5 mm	30000 cycles

■ Recommended Reflow Soldering Conditions



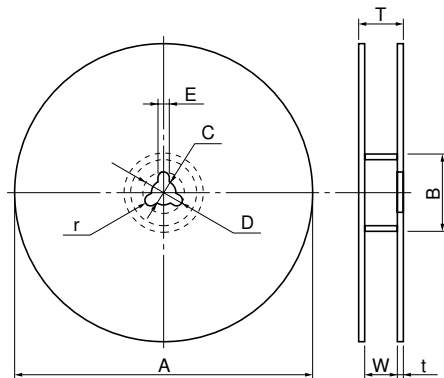
● Embossed Carrier Taping



Unit: mm

Part No.	Height	A	B	W	F	E	P ₁	P ₂	P ₀	D ₀ Dia.	t ₁	t ₂
EVQPW	1.5	6.4±0.3	6.5±0.3	12.0±0.3	5.50±0.15	1.75±0.15	8.00±0.15	2.00±0.15	4.00±0.15	1.5±0.1	0.30±0.05	1.60±0.08

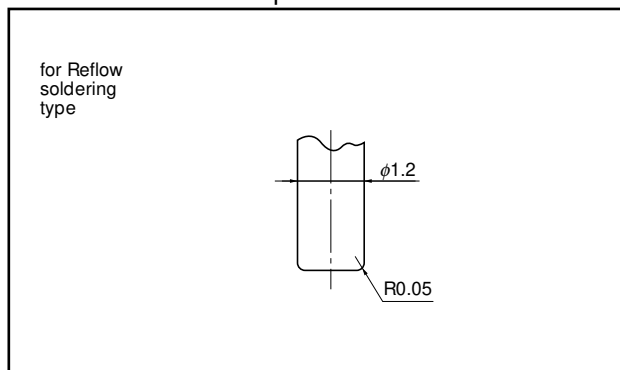
● Standard Reel Dimensions in mm (not to scale)



Item	A	B	C	D	E
Rate (mm)	φ370.0±2.0	φ50.0 min.	φ13.0±0.5	φ21.0±1.0	2.0±0.5

Item	W	T	t	r
Rate (mm)	14.0±1.5	—	1.0 to 3.0	1.0±0.5

■ Recommended Shape of Test Pole



■ Recommended Operating Conditions

