5N Type Light Touch Switches

Type: EVQPA/EVQPB/EVQPF EVQ2/EVQPC

Broad product range meets a variety of needs

Japan Malaysia



■ Features

- 6.0 mm×6.0 mm square, body thickness 3.2 mm
- Travel 0.25 mm, distinct click feeling
- Wide selection with or without ground terminal, top-push or side-push type with snap-in terminals available
- Wave soldering applicable

■ Recommended Applications

 Operating button switches for Audio Visual, OA, Communication Equipment, Measurement Instruments

■ Explanation of Part Numbers

1	2	3	4	5	6	7	8	9
E	V	Q	P ₂					
Product Code			Shape &	Structure		Hei	ght	Knob Cold

■ Product Chart O=In production

Operating	Positioning Pin	Ground Terminal		Top-pu	sh Type		Side-push Type			
Force			4.3 mm	5.0 mm	7.0 mm	9.5 mm	3.15 mm	3.85 mm	5.85 mm	8.35 mm
1.0 N	Without positioning pin	With ground terminal	0	0	0	0	0	0	0	0
		Without ground terminal	0	0	0	0	_	_	_	
1.3 N	Without	With ground terminal	0	0	0	0	0	0	0	0
	positioning pin	Without ground terminal	0	0	0	0	_	_	_	_
1.6 N	Without	With ground terminal	0	0	0	0	0	0	0	0
	positioning pin	Without ground terminal	0	0	0	0	_	_	_	
2.6 N	Without positioning pin	With ground terminal	0	0	0	0	0	0	0	0
		Without ground terminal	0	0	0	0	_	_	_	

■ Major Specifications

Туре	Snap action/Push-on type SPST						
	Circuit Dia	gram		Top-push Side-push A A B B			
Electrical	Rating			20 mA 15 Vdc			
	Contact Re	esistance		50 mΩ max.			
	Insulation	Resistance		50 MΩ min. (at 100 Vdc)			
	Dielectric	Withstanding Volt	age	250 Vac for 1 minute			
	Bouncing			3 ms max. (ON) 8 ms max. (OFF)			
Mechanical	Operating	Force		1.0 N±0.4 N 1.3 N±0.4 N 1.6 N±0.5 N	2.6 N±0.6 N		
	Travel			0.25 mm±0.10 mm			
	Operating	Life		100000 cycles min.*	50000 cycles min.		
Endurance	Operating	Temperature		−20 °C to +70 °C			
	Storage Te	emperature		-40 °C to +85 °C (Bulk) -20 °C to +40 °C (Taping)			
Maria o	! !	Top-push	Bulk	500 pcs. (Vinyl Bag)			
Minimum Qu /Packing Uni			Taping Bulk	1000 pcs. (Radial Taping) 500 pcs. (Vinyl Bag)			
/ acking on	it.	Side-push	Taping	700 pcs. (Radial Taping)			
-		Top push	Bulk	10000 pcs.			
Quantity/Cart	ton	Top-push	Taping	10000 pcs.			
Quantity/Cari	IOH	Side-push	Bulk	10000 pcs.			
		Jide pasii	Taping	7000 pcs.			

 $[\]ensuremath{\bigstar}$ 1 million cycles also available, consult our salesmen.

■ Dimensions in mm (not to scale)							
No. 1 Japan Malaysia China EVQPA (Bulk) Top-push Without ground terminal	A' B'	3.4 3.5±0.5 max. (G)	Pito	4-\$\phi_1.0^+\frac{\partial_1}{\partial_2}\] and ed PWB piercing plan sh tolerance: ±0.1) from mounting side			
Part Numbers	Operating Force	Height	Knob Color	Operating Life			
EVQPAC04M	1.0 N	4.3 mm	White	100000 cycles			
EVQPAC05R	1.0 N	5.0 mm	Red	100000 cycles			
EVQPAC07K	1.0 N	7.0 mm	Black	100000 cycles			
EVQPAC09K	1.0 N	9.5 mm	Black	100000 cycles			
EVQPAD04M	1.3 N	4.3 mm	White	100000 cycles			
EVQPAD05R	1.3 N	5.0 mm	Red	100000 cycles			
EVQPAD07K	1.3 N	7.0 mm	Black	100000 cycles			
EVQPAD09K	1.3 N	9.5 mm	Black	100000 cycles			
EVQPAE04M	1.6 N	4.3 mm	White	100000 cycles			
EVQPAE05R	1.6 N	5.0 mm	Red	100000 cycles			
EVQPAE07K	1.6 N	7.0 mm	Black	100000 cycles			
EVQPAE09K	1.6 N	9.5 mm	Black	100000 cycles			
EVQPAG04M	2.6 N	4.3 mm	White	50000 cycles			
EVQPAG05R	2.6 N	5.0 mm	Red	50000 cycles			
EVQPAG07K	2.6 N	7.0 mm	Black	50000 cycles			
EVQPAG09K	2.6 N	9.5 mm	Black	50000 cycles			







