





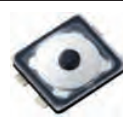

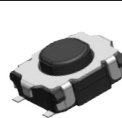






ELECTROMECHANIC





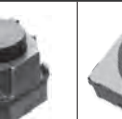
LIGHT TOUCH SWITCH & DETECTOR SWITCH SELECTION GUIDE



LIGHT TOUCH SWITCHES (SMD – short stroke) TOP PUSH

													
SERIES	EVPBB	EVPBL	EVPBW	EVPAY	EVPAF	EVPBA	EVPAX	EVQ6P6 EVQ7P6 EVQ9P6 EVQP6	EVPAL	EVPAA	EVQP2 EVQP9	EVQ3PL EVQ5PL EVQPL	EVQPO EVQO2
External Dimensions L x W x H (mm)	2.6 x 1.6 x 0.53	2.8 x 1.9 x 0.53 2.8 x 1.9 x 0.57	3.0 x 2.0 x 0.6	3.4 x 2.9 x 1.7	3.0 x 2.6 x 0.65	3.0 x 2.6 x 0.58	3.0 x 2.6 x 0.7	4.1 x 4.1 x 0.35 4.1 x 4.1 x 0.43 4.1 x 4.1 x 0.58	2.9 x 2.6 x 1.4	3.5 x 2.9 x 1.7	4.7 x 3.5 x 2.1 4.7 x 3.5 x 2.5	4.9 x 4.9 x 0.8 4.9 x 4.9 x 1.5	6.5 x 6.0 x 2.0 6.5 x 6.0 x 2.5 6.5 x 6.0 x 3.1
Travel (mm)	0.11	0.15	0.13, 0.15	0.15	0.15	0.13	0.07, 0.16	0.25	0.13	0.15	0.25	0.25	0.25, 0.30
Operating Force (N)	1.6, 2.4	1.6, 2.25	1.6, 2.4, 3.3	1.6, 2.4	1.3, 1.6, 2.4, 3.4	1.8	0.7, 2.0 Double Action	1.0, 1.6, 2.4	2.5, 3.5, 4.0, 5.0	1.0, 1.6, 2.4, 3.5, 5.0	1.0, 1.6, 2.4, 3.5, 5.0	1.0, 1.6, 2.6	0.5, 0.6, 1.0, 1.3, 1.6, 2.6, 3.5
Operating Life (Cycles)	500k	300k	300k	500k	100k	100k	100k	1M, 500k, 200k	200k	1M, 200k	1M, 500k, 200k	500k, 200k	2M, 1M, 200k, 100k

LIGHT TOUCH SWITCHES (SMD – mid / long stroke) TOP PUSH

					
SERIES	EVQ3P2 EVQP9	EVPBD	EVPAS	EVQO1	EVPAD
External Dimensions L x W x H (mm)	4.7 x 3.5 x 2.1 4.7 x 3.5 x 2.5	6.0 x 6.0 x 4.0	6.0 x 6.1 x 5.0	8.5 x 8.5 x 6.5	9.8 x 9.8 x 4.7
Travel (mm)	0.70	0.75	1.0, 1.3	1.0	1.0
Operating Force (N)	2.5, 3.5, 5.0	3.5	1.6, 2.0, 2.2, 2.5, 3.0, 3.5	4.0, 5.0	4.0
Operating Life (Cycles)	1M, 500k, 200k	100k	100k, 30k	100k	100k

FEATURES

- > Wide range of size and operating forces
- > Very low contact resistance due to "silver contacts"
- > High contact reliability
- > Mostly temperature range from -40 up to +85°C
- > Excellent tactile behaviour
- > Long life types available, up to 2M cycles
- > Variety of IP67 switches available



Medical Devices
Market



Wearable
Market



Automotive
Market



General
Industry

ELECTROMECHANICAL

LIGHT TOUCH SWITCH & DETECTOR SWITCH SELECTION GUIDE

Panasonic

LIGHT TOUCH SWITCHES (SMD – short / mid stroke) SIDE PUSH



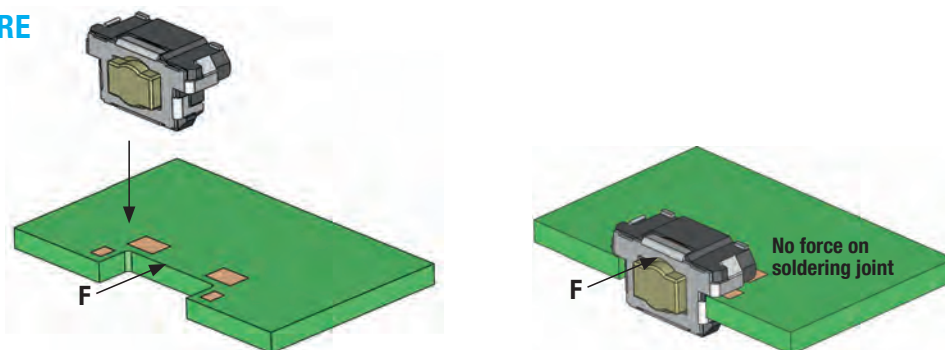
SERIES	EVPAT	EVPAK	EVPAV	EVPAE	EVQP4	EVPAN	EVQ9P7 EVQP3 EVQP7	EVQPU
External Dimensions L x W x H (mm)	3.4 x 1.7 x 1.105	3.9 x 1.9 x 1.6	2.8 x 2.3 x 1.95	4.5 x 2.2 x 2.9	6.2 x 2.55 x 3.5	3.5 x 2.9 x 1.2	3.5 x 2.9 x 1.35	4.7 x 3.5 x 1.65
Travel (mm)	0.11	0.12	0.13	0.15	0.25, 0.70	0.2	0.2	0.3
Operating Force (N)	1.6	1.6	1.6	1.6, 3.0, 3.5	1.0, 1.6, 2.4, 2.5, 3.5, 5.0	1.6, 2.2	1.6, 2.2	1.6, 2.2
Operating Life (Cycles)	500k	200k	300k	200k	200k, 500k, 1M	100k	100k	100k

DETECTOR SWITCHES (SMD) SIDE PUSH / TOP PUSH



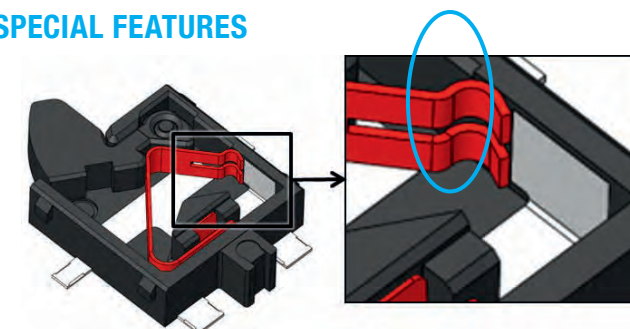
SERIES	ESE13	ESE16	ESE18	ESE22	ESE24
External Dimensions L x W x H (mm)	4.2 x 3.6 x 1.2	2.2 x 3.35 x 1.5	4.0 x 4.4 x 1.2	5.7 x 1.9 x 4.1	7.5 x 3.0 x 5.6
Travel (mm)	2.15, 3.05	01.05	1.4, 2.15	2.2	6.1
Operating Force (N)	0.3	0.25	0.3	0.3	0.35
Operating Life (Cycles)	50k	50k	50k	50k	50k

SPECIAL FEATURE



Self-Alignment Effect – stressless solder joint during actuation

SPECIAL FEATURES



Double Contact & Self-Cleaning Effect

Panasonic Industry Europe GmbH
industry.panasonic.eu

For complete and current Panasonic Input Devices information
please also visit: eu.industrial.panasonic.com/products/input-devices



Medical Devices
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