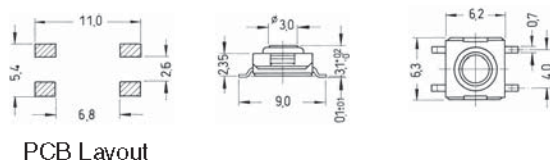


Specifications:

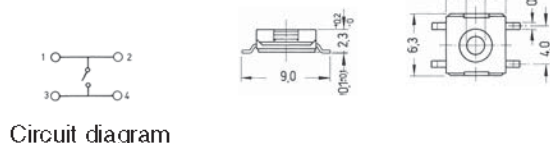
Contact rating:	32 V DC, 50 mA; max. 1 VA
Contact resistance:	< 100 mΩ
Insulation resistance:	> 100 MΩ at 500 V DC
Dielectric strength:	250 V, 50 Hz for the duration of 1 minute
Operating temperature:	−40 °C to +85 °C
Electrical life:	TSSE 66/68 minimum 100 000 cycles TSSE 65/67/69 minimum 500 000 cycles
Operating force:	see ordering code
Contacts:	phosphor bronze, silver-plated
Terminals:	brass, silver-plated
Material:	cover: stainless steel base: high-temp. nylon meets UL 94 V-0, washable stem: TSSE 66: nylon – TSSE 65/67/68/69: silicone rubber
Protection:	IP 67
Mounting:	on pc-board – SMD
Packing:	on tapes – see ordering code

Models:

TSSE 66 □



TSSE 68 □



TSSE 65 □

TSSE 67 □

TSSE 69 □



washable



Ordering code:

TSSE □ □

Dimension H

65	3.5 mm, travel: 0.45 ± 0.2	brown	(N) / 1900 pieces/reel
65	3.5 mm, travel: 0.45 ± 0.2	red	(R) / 1900 pieces/reel
65	3.5 mm, travel: 0.45 ± 0.2	transparent	(T) / 1900 pieces/reel
66	3.1 mm, travel: 0.25 ± 0.2 / − 0.1	brown	(N) / 2000 pieces/reel
67	5.2 mm, travel: 0.45 ± 0.2	brown	(N) / 900 pieces/reel
67	5.2 mm, travel: 0.45 ± 0.2	red	(R) / 900 pieces/reel
67	5.2 mm, travel: 0.6 ± 0.2	transparent	(T) / 900 pieces/reel
68	2.3 mm, travel: 0.25 ± 0.2 / − 0.1	silver	(S) / 2000 pieces/reel
69	3.8 mm, travel: 0.45 ± 0.2	red	(R) / 1900 pieces/reel
69	3.8 mm, travel: 0.45 ± 0.2	brown	(N) / 1900 pieces/reel
69	3.8 mm, travel: 0.6 ± 0.2	transparent	(T) / 1900 pieces/reel

Colour of stem

for operating force:

S	1.6 N, silver
N	1.6 N, brown
R	2.6 N, red
T	3.6 N, transparent

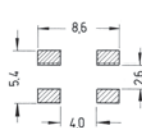
Further types on request

Specifications:

Contact rating:	32 V DC, 50 mA; max. 1 VA
Contact resistance:	< 100 mΩ
Insulation resistance:	> 100 MΩ at 500 V DC
Dielectric strength:	250 V, 50 Hz for the duration of 1 minute
Operating temperature:	-40 °C to +85 °C
Electrical life:	TSSE 66-J/68-J: minimum 100 000 cycles TSSE 65-J/67-J/69-J: minimum 500 000 cycles
Operating force:	see ordering code
Contacts:	phosphor bronze, silver-plated
Terminals:	brass, silver-plated
Material:	cover: stainless steel base: high-temp. nylon meets UL 94 V-0, washable stem: TSSE 66 J: nylon – TSSE 65/67/68/69 J: silicone rubber
Protection:	IP 67
Mounting:	on pc-board – SMD
Packing:	on tapes – see ordering code

Models:

TSSE 66 □ - J



PCB Layout

TSSE 68 □ - J

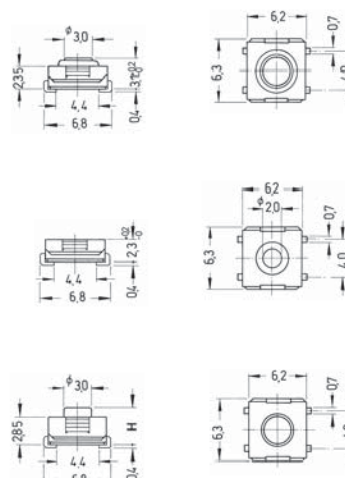


Circuit diagram

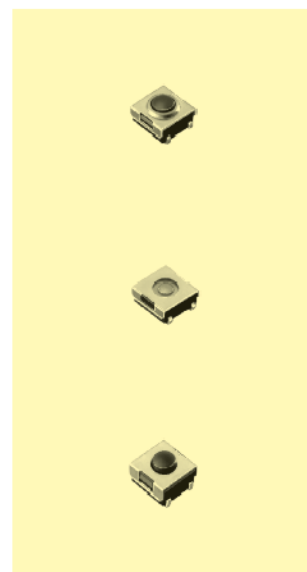
TSSE 65 □ - J

TSSE 67 □ - J

TSSE 69 □ - J



washable



Ordering code:

TSSE □ □ - J

Dimension H

65	3.5 mm, travel: 0.45 ± 0.2	brown	(N) / 1800 pieces/reel
65	3.5 mm, travel: 0.45 ± 0.2	red	(R) / 1800 pieces/reel
65	3.5 mm, travel: 0.45 ± 0.2	transparent	(T) / 1800 pieces/reel
66	3.1 mm, travel: 0.25 + 0.2/- 0.1	brown	(N) / 1900 pieces/reel
67	5.2 mm, travel: 0.45 ± 0.2	brown	(N) / 900 pieces/reel
67	5.2 mm, travel: 0.45 ± 0.2	red	(R) / 900 pieces/reel
67	5.2 mm, travel: 0.6 ± 0.2	transparent	(T) / 900 pieces/reel
68	2.3 mm, travel: 0.25 + 0.2/- 0.1	silver	(S) / 2700 pieces/reel
69	3.8 mm, travel: 0.45 ± 0.2	red	(R) / 1800 pieces/reel
69	3.8 mm, travel: 0.45 ± 0.2	brown	(N) / 1800 pieces/reel
69	3.8 mm, travel: 0.6 ± 0.2	transparent	(T) / 1800 pieces/reel

Colour of stem

for operating force:

S	1.6 N, silver
N	1.6 N, brown
R	2.6 N, red
T	3.6 N, transparent

Further types on request