



SERIES 3006 - TACT SWITCHES

TO 50 mA 28 V



PRODUCT FEATURES

- Low height even with integrated LED
- SMD connection technique
- Pleasant actuating characteristic thanks to clearly tangible pressure point
- Extremely large actuator surface
- Six standard colors
- Two operating force variants
- Reflow lead-free solderable

ON REQUEST

- Other LED colors
- Different brightness groups

Mechanical life endurance	50E4 4N version, 20E4 6N version
Contact resistance (new condition)	< 100 mOhm
Ambient temperature	-40 °C ... +95 °C (1 h to +120 °C)
Material terminals	gold plated
Bounce time	< 5 ms
Packing unit	1 800 pieces in blister belt on a roller
Miscellaneous	rating max. 1W voltage range 20 mV - 28 V current range 10 µA - 50 mA electrical life endurance: 4 N: 14V DC 10 mA 50E4 6 N: 14V DC 10 mA 20E4

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS












ECO

PUSH IN DRIVE



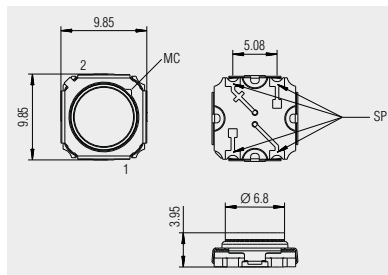
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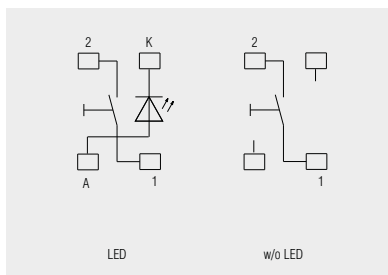
 single-pole	max 1 Watt	Contact material	Operating force (N)	Operating position (OP) (mm)	Free position (FP) max. (mm)	Permissible total travel position (TP) (mm)	Color lamp	Miscellaneous	Stock version
Normally open contact (SPNO)									
3006.2100	○	Au	4 +1 -0.5	3.2 ±0.2	4.15	2.9		without LED	
3006.2101	○	Au	4 +1 -0.5	3.2 ±0.2	4.15	2.9			
3006.2102	○	Au	4 +1 -0.5	3.2 ±0.2	4.15	2.9			
3006.2104	○	Au	4 +1 -0.5	3.2 ±0.2	4.15	2.9			
3006.2105	○	Au	4 +1 -0.5	3.2 ±0.2	4.15	2.9			
3006.2106	○	Au	4 +1 -0.5	3.2 ±0.2	4.15	2.9		LED white	
3006.2107	○	Au	4 +1 -0.5	3.2 ±0.2	4.15	2.9			
3006.2151	○	Au	4 +1 -0.5	3.2 ±0.2	4.15	2.9		low current consumption reduced brightness	
3006.2300	○	Au	6 +1.5 -0.75	3.2 ±0.2	4.15	2.9		without LED	
3006.2301	○	Au	6 +1.5 -0.75	3.2 ±0.2	4.15	2.9			
3006.2306	○	Au	6 +1.5 -0.75	3.2 ±0.2	4.15	2.9		LED white	



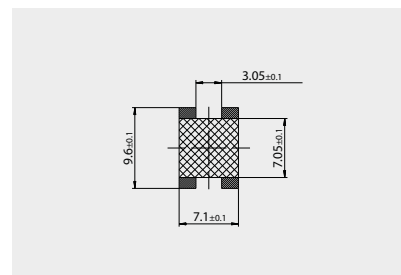
Basic type 3006



SMD connection technique



Circuit diagram with / without LED



Solder pad design

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SLIDE SWITCHES

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SNAP-ACTION SWITCHES

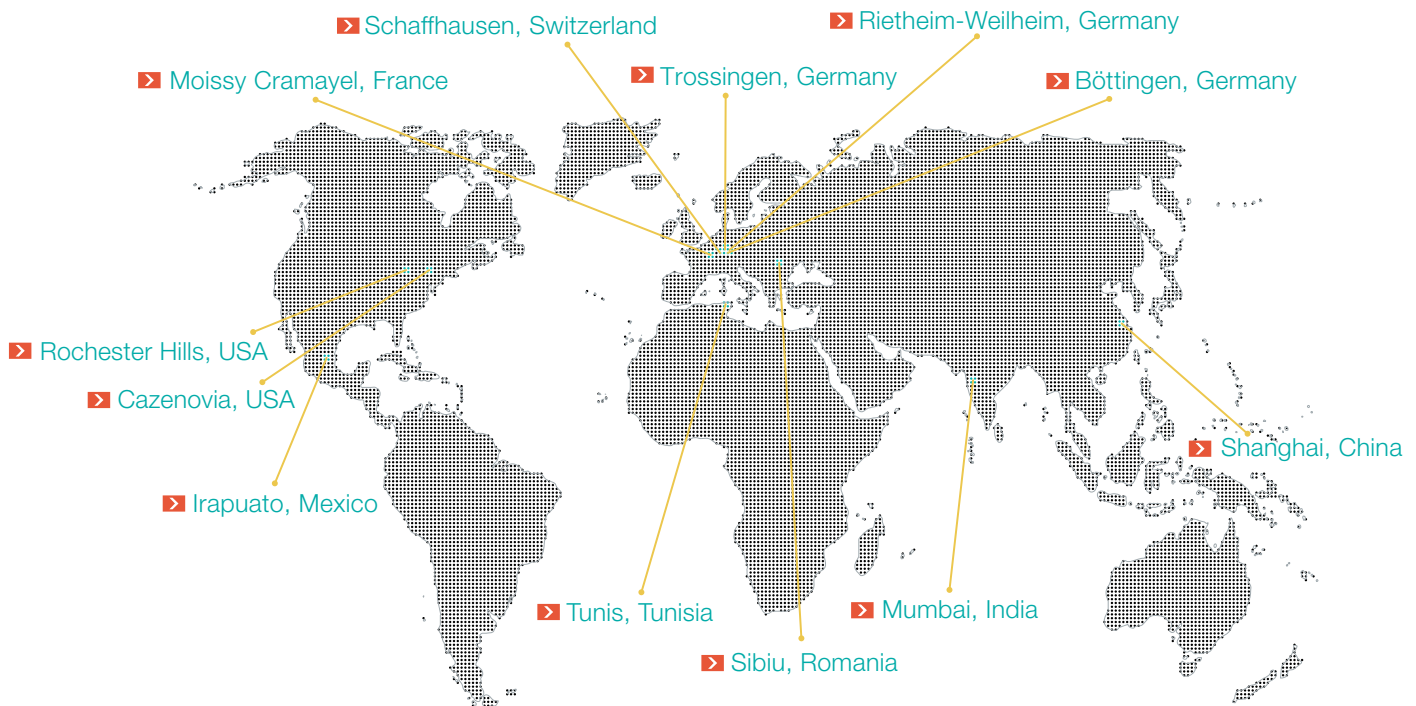
MICRO-SIGNAL SWITCHES

SENSORS

ECO

PUSH/DRIVE

MARQUARDT INTERNATIONAL.



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