KSA & KSL MKII Series High Performance Sealed Tact Switch

Features/Benefits

- Highest tact switch sealing performance
- Improved sealing through a modification of the crimping technique and to a double overmolding of the terminal
- Totally sealed
- Up to 1M operations
- RoHS compliant and compatible

Typical Applications

- Automotive
- Industrial
- Telecommunication networks
- Household appliances
- Heating control systems



Specification

CONTACT ARRANGEMENT: SPST, N.O. TERMINALS: PC pins
Double overmold on terminals

Mechanical

	Actuation force	Operating life	Travel to
Type	N (grams)	(operations)	make
KSA0M212	1,0 - 1,65	100,000	0.5 ± 0.15
KSA0M312	1,0 - 1,65	1,000,000	0.5 ± 0.15
KSA0M412	2,75 - 3,75	100,000	$0,6 \pm 0,25$
KSA0M512	3,75 - 6,25	100,000	0.7 ± 0.25
KSA0M912	2,25 - 3,75	500,000	$0,6 \pm 0,25$

Packaging

Can be delivered in tubes of 65 pieces for automatic insertion or in boxes of 500 pieces for manual insertion (250 pieces for KSL)

Electrical	Silver	Gold
MAXIMUM POWER:	1 VA	0.2 VA
MAXIMUM VOLTAGE:	32 VDC	32 VDC
MINIMUM VOLTAGE:	20 mV	20 mV
MAXIMUM CURRENT:	50 mA	10 mA
MINIMUM CURRENT:	1 mA	1 mA

DIELECTRIC STRENGTH: 300 Vrms CONTACT RESISTANCE: < 100m Ω INSULATION RESISTANCE (100 V): > $10^{9} \Omega$

BOUNCE TIME: 1 ms

Environmental Silver Gold

OPERATING TEMPERATURE: -40°C to 90°C -40°C to 125°C

STORAGE TEMPERATURE: -40°C to 90°C -55°C to 125°C

Process

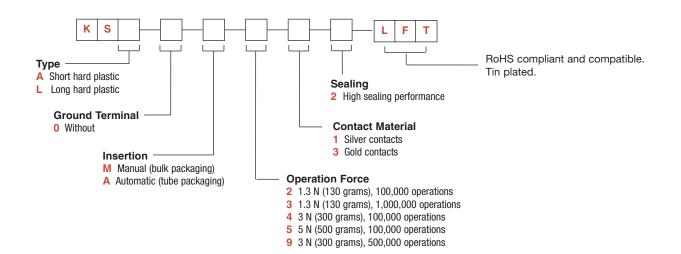
Wave soldering compatible with lead free soldering profile.

NOTE: Specifications listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

How To Order

Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category and place it in the appropriate box.

However, please note that all the combinations of these options are not feasible. For any part number different from those listed above, please consult your local representative.

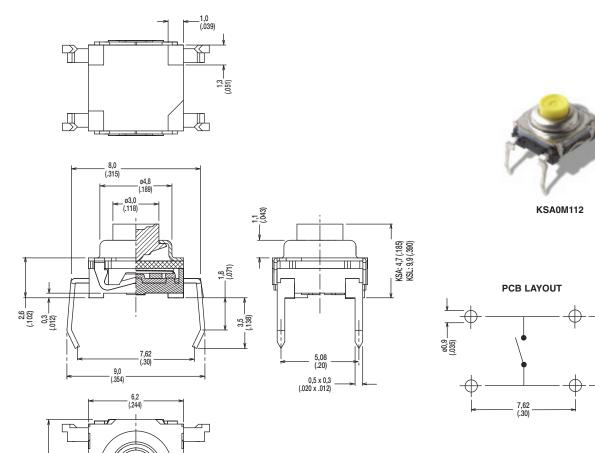




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TYPE

KSA & KSL MANUAL (BULK PACKAGING) DRAWING SHOWN







6,2



5,08