

### The Challenge

Main consumer applications are requiring driven to cost solution and are usually equipped with very low cost tact switches. The most common 6mm by 6mm switch are founded with 4.3mm height. This product type can be considered as a commodity on the market.

Fine for consumer & low cost application, this kind of switch is completely out in terms of performances and reliability for more severe solution.

Problem occurs when those kind of applications with a higher degree of constraints are designed with those low cost switches.

### The C&K solution

KSC series allow to designers now a compatible version with such low cost / performances switches, called KSC7.



Based on 4.3 mm height, soft actuator, available in G or J bending, with forces from 2 to 5N this versions is integrating all the benefits of the KSC series such as high sealing level, gold or silver plated version, long life and automotive level manufacturing.

This version is a mid term between KSC2 and KSC4 in terms of integration profile and allow much more preload than KSC2 with a lower profile than KSC4.

KSC7 series expands the KSC7 range and is useful or all application which requires high level of performance at a reasonable cost. KSC7 offer more freedom to the designer, who already use low cost switch, by allowing the choice of the quality without re-designing his application.



Examples of application

### The benefits

- Compatible with 4.3mm height low cost switch
- IP67 sealing
- Forces from 2N to 5 N
- Long life
- Silver or gold versions
- J or G bending
- Tailor able switch
- Automotive product.

### Market opportunities

- Automotive
- Industrial
- Aerospace
- Computer/ Servers

### Technical assistance

For application assistance., please contact  
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