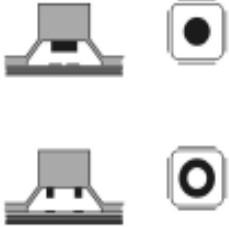
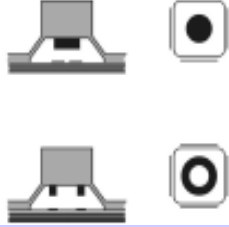




<p>A TOUCH BETTER</p>	 <p>Carbon pill</p>	 <p>SC pill Best Solution Combination of advantages from LR and Gold pill</p>	 <p>Low Resistance (LR) pill (Expiring technology)</p>	 <p>Gold pill (Only for special application)</p> <ol style="list-style-type: none"> 1. Silicon app. 0.5 2. Cu 0.1 mm 3. Ni 1.5 - 2μ 4. Au 0.15 - 06 μ
<p>Short Description</p>	<ul style="list-style-type: none"> Carbon based silicone pill co-molded with keypad 	<ul style="list-style-type: none"> Today's best alternative to all low resistance solutions SC-L for most applications (20mA) SC-M for medium current application (300mA) Co-molded with Keypad 	<ul style="list-style-type: none"> Low resistance carbon based silicone pill, co-molded with keypad 	<ul style="list-style-type: none"> Very low resistance gold plated pill Used for resistance cascading
<p>Advantages</p>	<ul style="list-style-type: none"> Standard process High no. of actuation cycles 	<ul style="list-style-type: none"> Very low contact resistance Distinct contact Very robust pill against defects/dirt Best price-performance ratio 	<ul style="list-style-type: none"> Low contact resistance High no. of actuation cycles Low dirt sensitivity 	<ul style="list-style-type: none"> Very low contact resistance Distinct contact High no. of actuation cycles
<p>Considerations</p>	<ul style="list-style-type: none"> Standard contact resistance Contact resistance depending on contact force 	<ul style="list-style-type: none"> Pill diameter >2.5 mm 	<ul style="list-style-type: none"> Medium costs Contact resistance depending on contact force 	<ul style="list-style-type: none"> High costs Sensitive to contamination Pill diameter >2.5 mm Round pill shape only
<p>Key Tech. Data Resistance [Ω] Diameter [mm] No. of cycles [#]</p>	<ul style="list-style-type: none"> < 100 2.5, 3.0, 3.5, 4.0, 5.0 Approx. 500'000 	<ul style="list-style-type: none"> < 1.5 (Ø 2.5mm) < 1 (Ø >2.5mm) 2.5, 3.0, 3.5, 4.0 Approx. 500'000 	<ul style="list-style-type: none"> < 20 2.5, 3.0, 3.5, 4.0, 5.0 Approx. 500'000 	<ul style="list-style-type: none"> < 1 2.5, 3.0, 3.5, 4.0 Approx. 1 million
<p>Minimal Customer Input</p>	<ul style="list-style-type: none"> Contact resistance in Ω No. of actuation cycles Pill size Ø or drawing of contact area for special shapes Operating voltage and current Contact layout PCB 			
<p>Our Strengths</p>	<ul style="list-style-type: none"> Knowledge about best alternative for optimal solution, incl. PCB layout Extensive material knowledge Highest quality of raw materials 			