









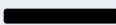







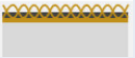



Abatek Contact Technology for Keypads

	Carbon ink	Carbon Pill	LR-Carbon Pill	Ni Powder Pill	SC-L Pill	SC-M Pill	SC-H Pill	Gold Pill	SC-W Pill	SC-C Pill
Usage	Micro controller	Micro controller	Simple resistance coded	Simple resistance coded	Direct and resistance coded	Resistance coded	Direct and resistance coded	Direct switching	Direct switching	Direct switching
	Flexible shape	Standard	Replaced by SC-L	Replaced by SC-L	Low to mid electric load	Low contact pressure	For HASL PCB	Replaced by SC-L SC-W	High electric load	High electric load
Picture										
Structure										
Diameter	Free shape, printed ink	2.5, 3.0, 3.5, 4.0 mm	3.0 mm	3.0 mm	3.0, 3.5, 4.0 mm	3.0, 3.5, 4.0 mm	3.0, 3.5, 4.0 mm	3.0, 3.5, 4.0 mm	3.0 mm	3.0 mm
Resistance / Contact Force	200 Ω @ 1.5N	100 Ω @ 1.5N	20 Ω @ 1.5N	1 Ω @ 1.5N	1 Ω @ 0.5N	1 Ω @ 0.3N	1 Ω @ 0.5N	1 Ω @ 0.5N	1 Ω @ 0.5N	1 Ω @ 0.5N
Max. Current at 14V for 100k cycles	20mA	20mA	20mA	20mA	300mA	20mA	300mA	1000mA	1000mA	1000mA
Sensible to dust	No	No	No	No	No	No	No	Yes	No	No
Rotary actuation	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No
Lubricant	Critical	Critical	Critical	Critical	Critical	Critical	Critical	Ok	Critical	Ok
Price Level	Low	Low	Mid	Mid	Mid	High	Mid	High	High	High