



定制硅胶按键方案

硅胶按键作为薄膜开关的极佳替代方案，已日益发展成熟并广泛应用于医疗、工业和家电领域。其耐高温、防潮、防水的优势同薄膜开关相近，此外其优质的3D 立体感更进一步提升用户体验。

捷卡提供定制硅胶按键方案，包含多颜色背光方案、夜光方案和塑料帽按键方案等，按键表面亦可通过手感油、PU漆、滴胶或塑料帽等工艺增加其在恶劣环境下的使用寿命和产品的整体美观。

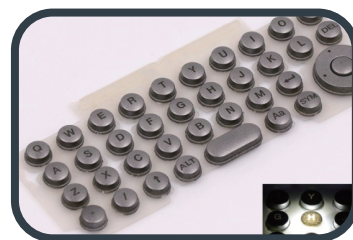
01 背光方案



02 夜光硅胶按键



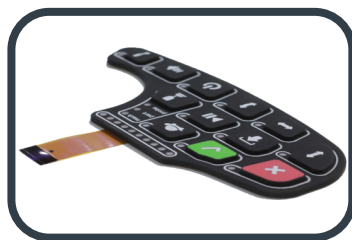
03 塑料+橡胶按键 (P+R)



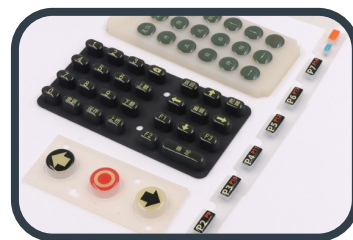
04 透明手感油



05 PU漆保护



06 按键滴胶保护



产品属性

尺寸 / 形状	定制
材料	硅胶按键 / PU
颜色	透明 / 白色 / 黑色 / 定制
硬度	55+/-5 邵氏 A
按键类型	导电黑粒 / 导电油墨 / 金属弹片
最小起订量	无起订量限制
操作温度	-20~70℃
储存温度	-40~85℃ (建议15~45℃)
按键寿命	>50万次
工作电压	<50VDC
工作电流	100mA
绝缘电阻	10MΩ
回路电阻	<100Ω (金属弹片) , <200Ω (导电黑粒) , <500Ω (导电油墨)



Custom Rubber Keypads

Used in a large amount of medical, industrial devices and home appliances, rubber keypads offer a well-established alternative to membrane switches. Like membrane switches, rubber keypads can be made to resist moisture and harsh environmental conditions. Furthermore, their three-dimensional features that provide a very user-friendly tactile interface.

Ideal Jacobs offers Backlighting and Fluorescence features to enhance aesthetic look on your interface, as well as Over Coating to help prolong the life of rubber keypads used frequently or subject to severe conditions.

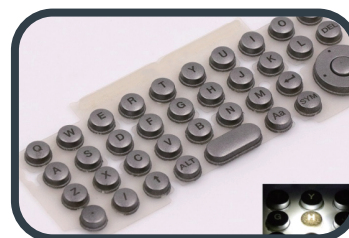
01 Backlight Solution



02 Fluorescent buttons



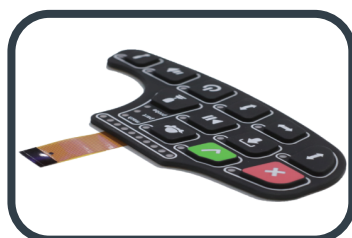
03 Rubber button with Plastic Cap (P+R)



04 Clear Matt Oil Coating



05 PU Coating



06 Rubber Button with PU Dome



Keypad Properties

Size / Shape	Customized
Material	Silicone rubber / PU
Color	Clear / White / Black / Customized
Hardness	55+/-5 Shore A
Button Type	Conductive Pills / Conductive Ink / Metal Dome
MOQ	No quantity limited
Operating Temperature	-20~70 ℃
Storage Temperature	-40~85 ℃ (Suggest 15~45 ℃)
Button Life	>500,000 Times
Working Voltage	<50VDC
Working Current	100mA
Insulation Resistance	10MΩ
Loop Resistance	<100Ω(Metal Dome), <200Ω(Conductive Pills), <500 Ω(Conductive Ink)