



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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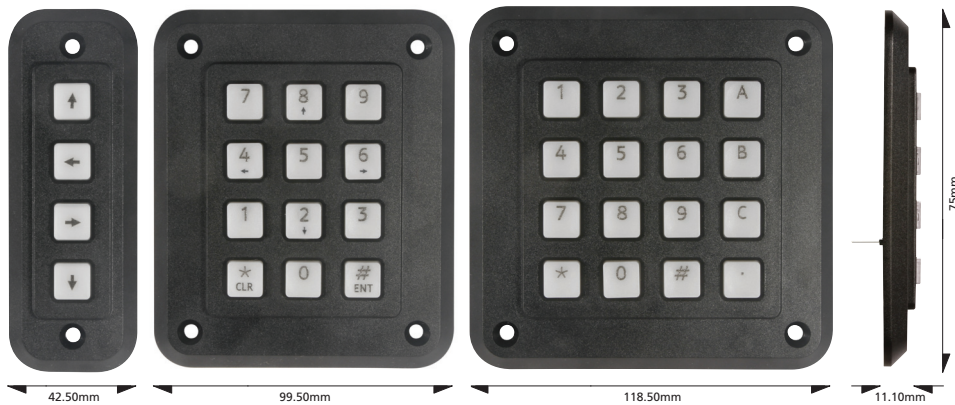
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## Robust, polymer cased keypads

These responsive keypads are robust, reliable and splash resistant.

They are suitable for most industrial and semi-sheltered outdoor applications



### Electrical

Contact Bounce	5ms (max)
Contact Resistance	100 ohms (max)
Insulation Resistance	50 Mohms (min)
Breakdown Voltage	500V AC (max 60 secs.)
Operating Voltage	24V DC (max)
Operating Current	50mA (max)

### Mechanical

Operational Life	2 million cycles (min) per key
Keytop Travel	1.4mm nominal
Actuation Force	180gms nominal
Connector	0.1" pitch, gold plated square pin, male connector

### Environmental

Water / Dust Sealed	IP54 (when fixed to a suitable enclosure)
Operational Temperature	-10°C to +85°C (Dry)

### Material

Casing	General Service Polymer (black)
Keytops	General Service Polymer (translucent)
Contact Circuit	Gold on Nickel Plated FR4



Suitable for use with Storm USB Keypad Encoder (4500-00)



### 3000 Series Part Numbers

	F key format	3K04210
	Arrow key format	3K04110
	Telephone format	3K12T10
	Calculator format	3K12010
	Telephone format	3K16T10
	Calculator format	3K16010



Whilst every effort is made to ensure details are correct at time of print, specifications are subject to change without notice.

Designed & produced by NIK Design  
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For more information & to order:  
[www.storm-interface.com](http://www.storm-interface.com)

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