



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!



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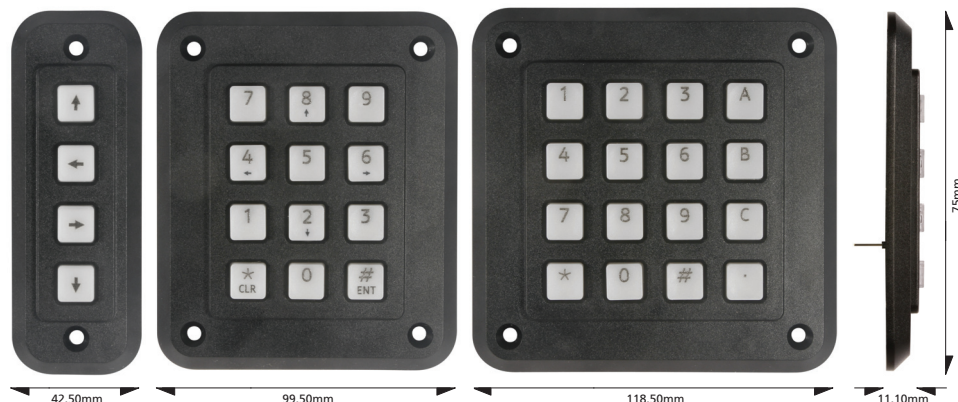


## Robust, polymer cased, steel-backed keypads

Ideal for use in a wide range of industrial and commercial applications.

These keypads are suitable for wet, dirty & exposed environments.

They feature a steel backplate for additional impact resistance.



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



### 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	4 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	IP65 (when fixed to a suitable enclosure)
Operational Temperature	-25°C to +85°C (Dry)

### Material

Casing	High Impact Polymer (black)
Keytops	High Impact Polymer (translucent)
Backplate	Steel (corrosion protected)
Contact Circuit	Gold on Nickel Plated FR4



### 2000 Series Part Numbers

	F key format 2K04210	<b>Accessories</b>	
	Arrow key format 2K04110	USB Encoder	4500-00
	Telephone format 2K12T10	RS-232 Encoder	4200-00
	Calculator format 2K12010		
	Telephone format 2K16T10		
	Calculator format 2K16010		



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 nik@nikdesign.co.uk

For more information & to order: [www.storm-interface.com](http://www.storm-interface.com)

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