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!
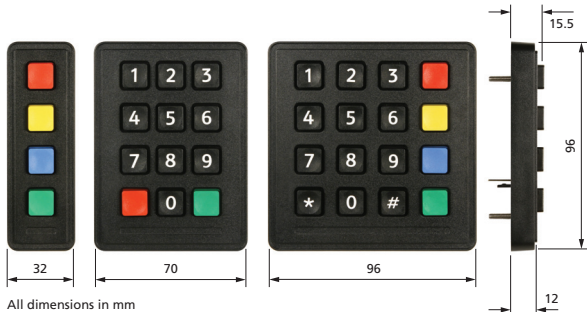

Contact us

Tough, water resistant, industrial grade polymer keypads

These keypads feature moving, tactile keys with a responsive 'over-centre' action.

High contrast white keytop characters are permanently laser marked on black polymer keys. Function keys are presented in an easily recognisable colour coded format to present a contemporary and visually striking keypad. Available in standard 4, 12 and 16 key formats.

All dimensions in mm

- High contrast laser marked keytop characters and colour coded function keys
- IP65 – sealed for use in wet or dirty environments
- Impact, shock and vibration resistant to survive in demanding industrial applications
- Keys are arranged on an X-Y matrix circuit terminated via a 0.1" pitch, square pin, male connector with an integral locking ramp
- Directly compatible with the Storm 450 and 450i USB keypad Interface

Performance
Operational key life:	**>2 million cycles per key**

Environmental
Operational temperature:	**-20°C to +60°C**
Storage temperature:	**-20°C to +70°C**
Humidity:	**5%RH to 95%RH non-condensing**
Vibration and shock:	**ETSI 300 019 5M3**
Water and dust resistance:	**IP65 When fitted to a suitable surface**
Impact resistant:	**5J**

Electrical
Insulation resistance:	**50Mohms (min)**
Breakdown voltage:	**500V a.c. (60 secs)**
Max Operating voltage:	**24V**
Max Operating current:	**50mA**

Compliance
This device is designed to meet:
- **EU RoHS**
- **EU Low Voltage Directive**
- **ESD: Up to +/- 15kV air discharge, +/- 7.5kV contact discharge**
- **WEEE Directive compliant**

Additonal Information
(downloads available at www.storm-interface.com)
- Installation instructions including product dimensions
- CAD files (dxf, dwg)
- Test data and reports

Accessories
- Storm 450 and 450i Series USB Interface
- USB Cable for use with USB Interface
- Replacement panel seals available at **storm-interface.com**

Part Numbers

720BLK			Accessories			
	BLK	7202-040020	Replacement rubber panel seal kits:		Storm 450 Series USB Interface	**4500-00**
	BLK	7202-12T020	4 Key	**7200-SP040**	Storm 450i USB Interface with audio control	**4500-10**
	BLK	7202-16T020	12 Key	**7200-SP120**	USB Cable (USB A to 90° USB mini-B)	**4500-01**
			16 Key	**7200-SP160**		

For more information & to order:

www.storm-interface.com