



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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**Bergquist Part Number: 400413**

**Revision: A**

**Description: 5.7" 5-wire Resistive Touch Screen**

**Mechanical Dimensions and Construction.**

	<b>Specification</b>	<b>Remarks</b>
<b>Overall Dimensions</b>	5.315" x 3.976", 135.00mm x 101.00mm	+/- .015", +/- .20mm
<b>Overall Thickness</b>	.055", 1.4mm	+/- .008", +/- .20mm
<b>Viewable Area</b>	4.685" x 3.543", 119.00mm x 90.00mm	+/- .015", +/- .20mm
<b>Active Area</b>	4.606" x 3.465", 117.00mm x 88.00mm	+/- .015", +/- .20mm
<b>Nominal Glass Thickness</b>	.043", 1.1mm	

\*See mechanical drawing for additional specification

**Environmental Specification**

	<b>Specification</b>	<b>Remarks</b>
<b>Operating Temperature</b>	-10° C ~ +70° C	
<b>Storage Temperature</b>	-40° C ~ +80° C	
<b>Constant Temperature/ Humidity</b>	70° C/ 80% RH/ 500 Hrs.	Tested at ambient temperature after cycle
<b>Thermal Shock</b>	-40° C ~ +80° C 60 min/cycle/100 times	Tested at ambient temperature after cycle
<b>Chemical Resistance</b>	Acetone, methylene chloride, methyl ethyl ketone, isopropyl alcohol, mineral spirits, unleaded gasoline, diesel fuel, antifreeze, vinegar, coffee, tea, cooking oil, most commercial cleaners including laundry detergent, and ammonia based glass cleaners	

**Optical Characteristics**

	<b>Specification</b>	<b>Remarks</b>
<b>Light Transmission</b>	>75%	Anti-Glare
<b>Haze</b>	<5%	Anti-Glare

**Linearity Characteristics**

	<b>Specification</b>	<b>Remarks</b>
<b>Direction X</b>	<1.5%	Linearity is the value of the max. error voltage
<b>Direction Y</b>	<1.5%	Linearity is the value of the max. error voltage

### **Durability**

	Specification	Remarks
Activations	35 Million	
Activation Force	≤50g Stylus	
Top Film Hardness	3H	ASTM D3363
Tail Bond Strength	>13 lbs	Straight Tail Pull

### **Electrical Specifications**

	Specification	Remarks
Operating Voltage	5.5V or Less	
Insulation Resistance	≥ 20 MΩ at 25 V(DC)	
Electrostatic Protection	20 discharges at 15Kv	EN 61000-4-2

### **Warranty**

5-year limited warranty

### **Mechanical Drawing**

\*\*See attached drawing