



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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Bergquist Part Number: 400432

Revision: A

Description: 15.0" 8-wire Resistive Touch Screen

Mechanical Dimensions and Construction.

| | Specification | Remarks |
|--------------------------------|----------------------|----------------|
| Overall Dimensions | 332.60mm x 257.50mm | +/- .50mm |
| Overall Thickness | 3.1mm | +/- .30mm |
| Viewable Area | 308.20mm x 232.10mm | +/- .50mm |
| Active Area | 304.10mm x 228.10mm | +/- .50mm |
| Nominal Glass Thickness | 2.8mm | |

*See mechanical drawing for additional specification

Environmental Specification

| | Specification | Remarks |
|---|---|---|
| Operating Temperature | -10° C ~ +60° C | |
| Storage Temperature | -40° C ~ +80° C | |
| Constant Temperature/ Humidity | 70° C/ 80% RH/ 500 Hrs. | Tested at ambient temperature after cycle |
| Thermal Shock | -40° C ~ +80° C 60 min/cycle/10 times | Tested at ambient temperature after cycle |
| Chemical Resistance | 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 | 10 minutes at room temperature |

Optical Characteristics

| | Specification | Remarks |
|---------------------------|----------------------|----------------|
| Light Transmission | >80% | Anti-Glare |
| Haze | <10% | Anti-Glare |

Linearity Characteristics

| | Specification | Remarks |
|--------------------|----------------------|--|
| Direction X | <1.5% | Linearity is the value of the max. error voltage |
| Direction Y | <1.5% | Linearity is the value of the max. error voltage |



Durability

| | Specification | Remarks |
|---------------------------|----------------------|----------------|
| Activations | 10 Million | |
| Activation Force | ≤82g Stylus | |
| Top Film Hardness | 3H | ASTM D3363 |
| Tail Bond Strength | >13 lbs | 90° Tail Pull |

Electrical Specifications

| | Specification | Remarks |
|--------------------------------|-------------------------------|----------------|
| Operating Voltage | 5.5V or Less | |
| Insulation Resistance | ≥ 10 MΩ at 25 V(DC) | |
| Electostatic Protection | Withstands 15KV air discharge | EN 61000-4-2 |

Warranty

1-year limited warranty

Mechanical Drawing

**See attached drawing