

## Excellent Integrated System Limited

Stocking Distributor

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[Bergquist](#)  
[400392](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



**Bergquist Part Number: 400392**

**Revision: A**

**Description: 19.2" 5-wire Resistive Touch Screen**

**Mechanical Dimensions and Construction.**

	<b>Specification</b>	<b>Remarks</b>
<b>Overall Dimensions</b>	15.787" x 12.732", 401.00mm x 323.40mm	+/- .015", +/- .20mm
<b>Overall Thickness</b>	.126", 3.2mm	+/- .008", +/- .20mm
<b>Viewable Area</b>	15.236" x 12.272", 387.00mm x 311.70mm	+/- .015", +/- .20mm
<b>Active Area</b>	15.000" x 12.035", 381.00mm x 305.70mm	+/- .015", +/- .20mm
<b>Nominal Glass Thickness</b>	.112", 2.85mm	

\*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)	
Electostatic Protection	20 discharges at 15Kv	EN 61000-4-2

**Warranty**

5-year limited warranty

**Mechanical Drawing**

\*\*See attached drawing