

# CAM Graphics Co., Inc. *5-Wire Resistive Touch Screen*

## **ELECTRICAL**

Operating Voltage	2.5V to 5 VDC
Linearity	1.5%
Rated Current	10Ua – 10Ma
Open Circuit Resistance	>15 M Ohms

## **OPTICAL**

Transmittance	82%±2
Haze and Clarity	Haze 5% Clarity 77%

## **ENVIRONMENTAL**

Temperature	Operating: 0 degrees C to +50 degrees C Storage: -20 degrees C to +70 degrees C
Relative Humidity	Operating: 90% RH, Non-condensing at 0 degrees C to +50 degrees C Storage: 90% RH, Non-condensing at -20 degrees C to +70 degrees C

## **MECHANICAL**

Activation Force	<i>Based on using .004" diameter spacer dots. Custom activation forces are also available. Stylus: &lt;25g average with a plastic stylus with 1mm radius, full hemispherical tip. Finger: &lt;50g average with 5/8" diameter silicone finger.</i>
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## **DURABILITY**

Point Activation	<i>Based on using .004" diameter spacer dots. 10 million activations (typical) at a single point with a 5/8" Diameter silicone finger with a 350g load at 2 touches per second.</i>
Surface Hardness	3H per ASTM D3363

## **CHEMICAL RESISTANCE**

Industrial chemicals	Acetone, methylene chloride, methyl ethyl ketone, isopropyl alcohol, hexane, turpentine, mineral spirits, unleaded gasoline, diesel fuel, motor oil, transmission fluid, antifreeze.
Food-service chemicals	Vinegar, coffee, tea, grease, cooking oil, salt, ammonia-based glass cleaner and laundry detergent.

## **WARRANTY INFORMATION**



**CAM Graphics, Co., Inc.**  
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Seller warrants that the products sold by it will, when delivered, or when installed, if this contract provides for installation by Seller, be free of defects in workmanship or material. Should any failure to conform to this warranty become apparent during a period of one year after date of installation, and not more than two years after date of delivery, Seller shall, upon prompt written notice and compliance by the customer with such instructions as it shall give with respect to the return of defective products or parts, correct such non-conformity by repair or replacement, F.O.B. factory, of the defective part or parts. Correction in the manner provided above shall constitute a fulfillment of all liabilities of Seller with respect to the quality of the products.

The foregoing Warranty is exclusive and in lieu of all other warranties of quality, whether written, oral or implied (including and warranty of merchant liability or fitness for purpose).