

Capacitive Touch Screens



Product Features

- Outstanding light transmission of 90% (+/-2%)
- Maximum resolution up to 2048 x 2048 dpi
- Accuracy of 1.0% based on diagonal dimensions
- Indoor/Outdoor applications
- Chemical Resistant
- More than 250 million hits with no degradation

PanJit Touch Screens, a worldwide leader in resistive Touch Screens proudly introduces to the market Capacitive Touch Screens with superior optical characteristics, accuracy and reliability, under harsh environmental conditions, with an outstanding surface durability exceeding 250 millions touches without degradation.

Capacitive Touch Screens from PanJit paired with our TouchSet™ Touch Screen Controllers, offering a One-Stop solution for your new and existing application needs.

Specifications

All dimension are in mm

P/N	Drawing	Size	OD	VA	AA	FPC	Connector Type
064C01A1*	M064C01-D01.1	6.71"	152.70X115.06	137.21X101.09	129.92X95.99	108.46	Standard
064C01A2*	M064C01-D02.1	6.71"	152.70X115.06	137.21X101.09	129.92X95.99	108.46	Latching
082C01A1*	M082C01-D01.1	8.75"	194.31X146.05	178.82X132.08	169.04X125.12	108.46	Standard
082C01A2*	M082C01-D02.1	8.75"	194.31X146.05	178.82X132.08	169.04X125.12	108.46	Latching
102C01A1*	M102C01-D02.1	10.83"	233.68X180.34	217.94X167.9	205.74X158.75	108.46	Standard
102C01A2*	M102C01-D02.1	10.83"	233.68X180.34	217.94X167.9	205.74X158.75	108.46	Latching
1171C01A1	S117C1-D01.1	12.31"	265.51X203.20	250.01X191.01	235.97X180.49	108.46	Standard
1171C01A2	S117C1-D01.2	12.31"	265.51X203.20	250.01X191.01	235.97X180.49	108.46	Latching
148C01A1	S148C1-D01.1	15.68"	330.2X254.	316.48X241.81	298.45X228.25	108.46	Standard
148C01A2	S148C1-D01.2	15.68"	330.2X254.	316.48X241.81	298.45X228.25	108.46	Latching
165C01A1	S165C1D-01.1	17.64"	357.61X295.2	345.31X281.48	325.55X265.56	108.46	Standard
165C01A2	S165C1-D01.2	17.64"	357.61X295.2	345.31X281.48	325.55X265.56	108.46	Latching
186C01A1	S186C1-D01.1	19.75"	402.69X328.5	390.5X314.78	368.02X296.85	108.46	Standard
186C01A2	S186C1-D01.2	19.75"	402.69X328.5	390.5X314.78	368.02X296.85	108.46	Latching

Transparency: 90%

Thickness: 2.8mm

Glass: Strengthened

Surface: AG

* Available Q3 2009

Mechanical

Glass Thickness 2.8mm
Available Sizes 6.71", 8.75", 10.83", 12.31", 15.68", 17.64" and 19.75"

Electrical

Wire Type 5-Wire

Touching Characteristics

Position Accuracy $\pm 1.0\%$ Based on the diagonal dimension
Resolution 2048 x 2048 dpi based on controller resolution
Input Method Finger

Optical

Light Transmission 90% $\pm 2\%$ Per ASTM D1003
Type Anti-Glare

Environmental

Temperature Range Operating: -20°C to +70°C
Storage: -40°C to +85°C
Relative Humidity Operating: Max 90%RH (Non-Condensing) up to +60°C
Chemical Resistance Per ASTM -D- 1308 (1993) and ASTM-F-1958-95

Durability

Surface Hardness 7H and above per JIS-K-5400
Life (Hitting) >250 Million hits with no degradation
Surface Scratch Harness Exceeds severe abrasion test per MIL-C-675-C