

12" PCAP 10 POINS TOOCH

P/N: DXE-4276-S000



1. RANGE OF APPLICATION

These specifications are applied to analog touch screen/panel.

2. FEATURES

2.1 Type : Projected capacitive Touch Panel

Input Mode : Stylus for PCAP or Finger

Structure : Cover Glass / ITO Film / ITO Film

Material	Description	Specification	Unit
Cover Glass	Strengthened Glass	1.8	mm
ITO Film	Clear	125	μm
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FPC / Tail	Connector	1.25 (pitch) × 85.2 (L)	mm

2.2 General Specifications

Drawing : M122H32-D01.2

Item	Specification	Unit
Dimensional Outline	287.67 (L) × 226.2 (W) × 2.2 (T)	mm
Viewing Area	248.87 (W) × 187.4 (L)	mm
Touch Function	10	points

Shape, structure and dimension according to the attached drawing.

2.3 IC Model

(1) EETI : EXC3160

(2) Interface : USB & RS232

(3) OS : Win7 、 Win8 、 Linux 、 Android

(4) F/W Version : TBD

Regards the IC specification, please refer the IC data sheet from supplier.

2.4 Decoration Lens Artwork :



Color Remark : Black

3. RATING

3.1 Maximum voltage and current : DC 5V

3.2 Operating temperature range

From -20°C to 70°C (Humidity from 20% to 80%, no dew condensation shall be acceptable)

3.3 Storage temperature range

From -20°C to 70°C (Humidity from 30% to 80%, no dew condensation shall be acceptable)

4. ELECTRICAL PERFORMANCE

4.1 Linearity

Use EETI test software, All of the test items included open test, short test, mutual test, AD level test and draw test.

4.2 Insulation resistance : DC25V and 20MΩ or more

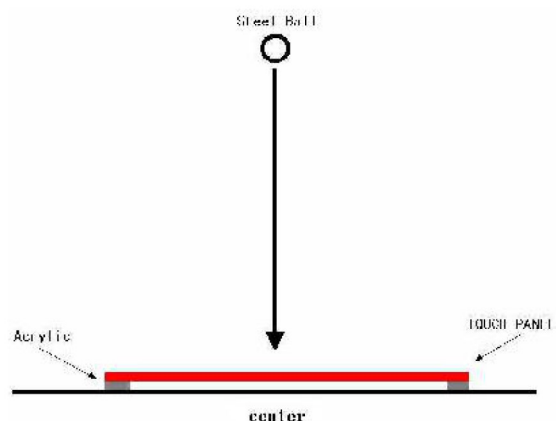
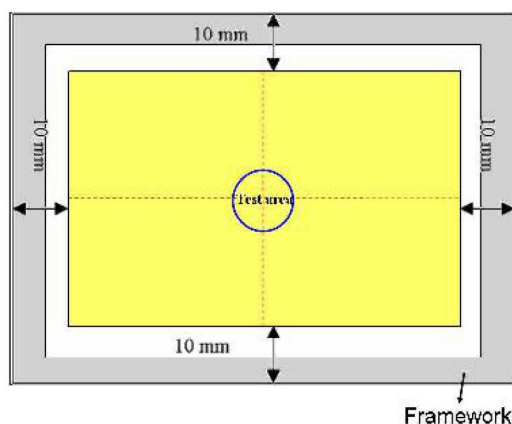
4.3 Chattering : 25~30msec or less

5. MECHANICAL PERFORMANCE

5.1 Input : Through a special stylus or finger

5.2 Surface hardness : $\geq 6H$ (Follows JIS K 5600 standard, use Mitsubishi Pencil 750g)

5.3 Impact Resistance : Steel ball drop test with the size of $\Phi 38\text{mm}$, the weight of 227g, fall from 1.6m height of central position of touch screen. The touch screen shall be placed on top of an acrylic back plane during the procedure.



6. OPTICAL PERFORMANCE

6.1 Transmission : $87 \pm 2\%$

