

# 5-Wire Touch Panel

## NC01520 series

### ■ FEATURES

- **Long life**  
Tapping durability  $3.5 \times 10^7$  or more
- **Simple design**  
New electrode design (Patent Pending Japan, USA, EU, Asia)
  - Improved linearity along edges
  - Narrow frame construction (example 12.1-inch size < 7.1mm)
- **Controller Board and IC**  
Multi control type (4-, 5-, 7- wire)
- **Low temperature process**  
Plastic panels possible



### ■ PART NUMBERS

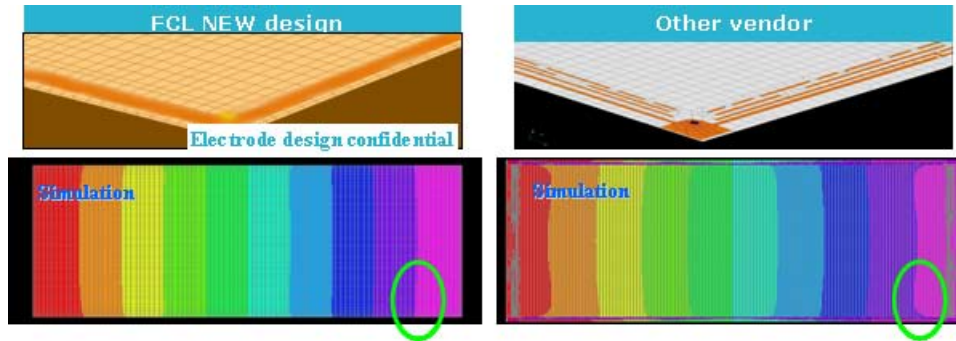
Item	Specification
USB Controller Board	N16B-0558-B760
Serial Controller Board	N16B-0558-B764
Controller IC	NC41120-0021
15-inch Resistive Touch Panel	NC01521-T001

### ■ SPECIFICATIONS

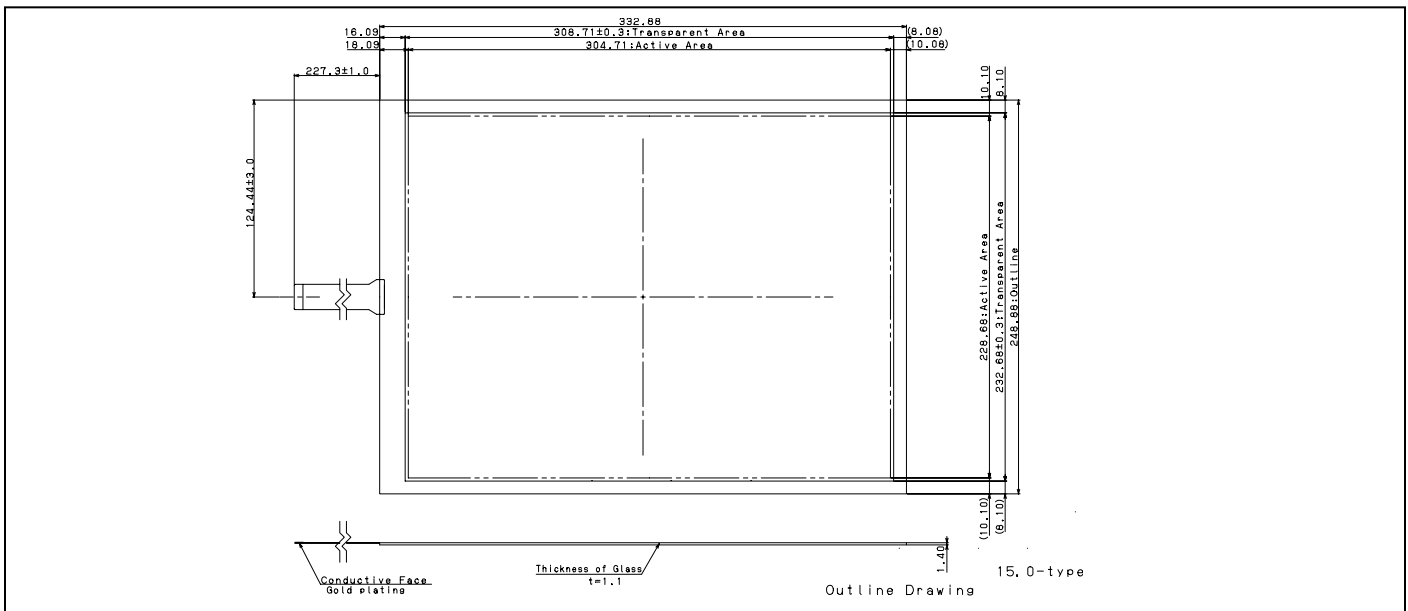
Item	Specification
Operating temperature / humidity	-20 to 60°C / 20 to 90%RH
Storage temperature / humidity	-30 to 70°C / 20 to 90%RH
Size	15.0 - 17.0 inches
Glass thickness	1.8mm
Input force	5-80gf
Linearity	±2.0%
Resistance between electrodes	100±10%
Tapping life	10 million
High temperature storage	70°C 240h
Low temperature storage	-30°C 240h
High temperature high humidity storage	40°C 95%RH 240h
Head shock	-25/65°C 50 cy.

# 5-Wire Touch Panel

## ■ SIMULATION OF ELECTRIC POTENTIAL



## ■ SAMPLE DRAWING: 15-INCH



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 Rev. October 6, 2010.