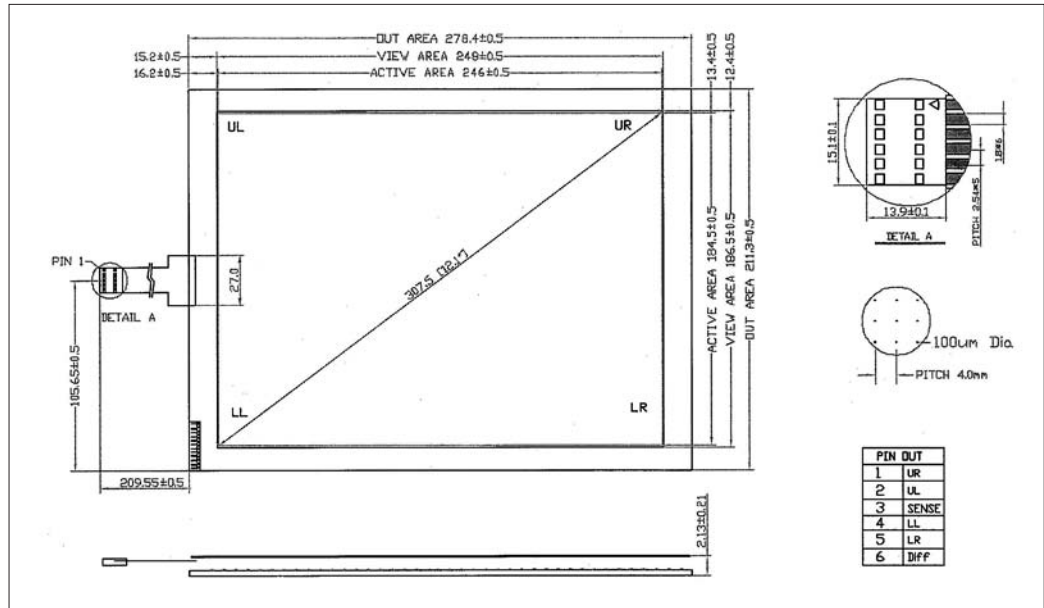


12.1" Resistive Touch Sensor

FEATURES

- 6 Wire Analog Resistive



SPECIFICATIONS

General Functions

Electrical Characteristics

- Insulation Resistance: 20Mohm or more @ 25V DC
- Chattering Time: 10 msec or less
- Linearity: ± 1.5% error or less for X axis
± 1.5% error or less for Y axis

Mechanical Characteristics

- Input Method: Pen and Finger
- Touch Activation Force: Typical 125g
- Surface Hardness: 3H or higher with JIS-K5400 standard
- Light Transmittance: 83% ± 5%

Reliability Characteristics

- Operating Temperature: -10°C to 60°C
- Storage Temperature: -40°C to 75°C
- Touch Life: Pen Sliding - 100K times
Pen Touch- 6 M times
Finger Touch - 35 M times
- Cleaning: Lightly wipe the surface of the touch sensor with Methyl Alcohol or neutral household cleanser.

Touch Sensor and Controllers

- S6-1121003FA: 6-wire 12.1" touch sensor
- C6-MTQY30ET6L5R: 6-wire controller kit (RS232/PS2)
- C6-CYSY2TET6L5J: 6-wire controller kit (USB)

| PIN | OUT |
|-----|-------|
| 1 | UR |
| 2 | UL |
| 3 | SENSE |
| 4 | LL |
| 5 | LR |
| 6 | DIFF |