



RAYSTAR

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TSG012864A1141XXX03

SPECIFICATION

CUSTOMER:

APPROVED BY	
PCB VERSION	
DATE	

FOR CUSTOMER USE ONLY

SALES BY	APPROVED BY	CHECKED BY	PREPARED BY

ISSUED DATE:

1. Revision History

DATE	VERSION	REVISED PAGE NO.	Note
2012/09/20	1		First issue

RAYSTAR OPTRONICS

2. General Specification

ITEM	STANDARD VALUE	UNIT
Outline dimension	82.00±0.2(L)x50.20±0.2(W) x0.95±0.10(T)	mm
View area	72.0 ±0.2(L) x40.0±0.2 (W)	mm
Active area	66.52±0.2 (L) x 33.24±0.2(W)	mm

3. Absolute Maximum Ratings

ITEM	SYMBOL	MIN.	TYP.	MAX.	UNIT
Operating Temperature	T _{OP}	-20	—	+70	°C
Storage Temperature	T _{ST}	-30	—	+80	°C

Note: The environment is of normal atmosphere pressure.

4. OPTICAL CHARACTERISTICS

Item	Specification
(1) Transparency	80±2%

Note1: Transparency is measured by using BYK-Gardner instrument.

5. ELECTRICAL CHARACTERISTICS

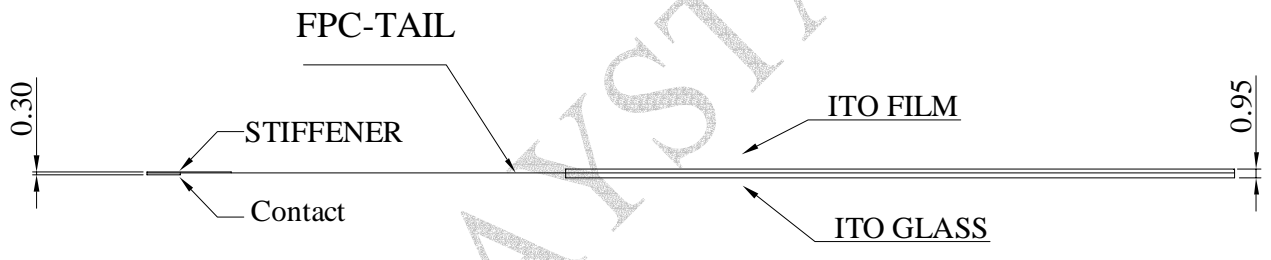
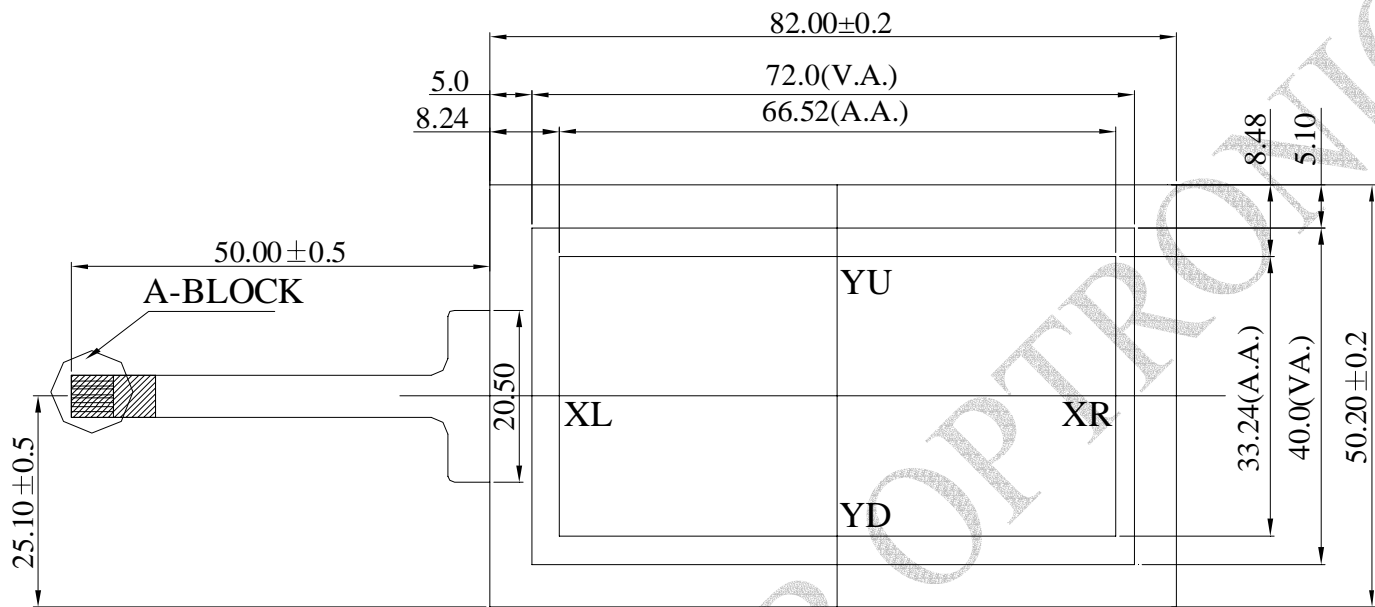
Item	Specification
(1) Terminal Resistance	Top Circuit Loop Resistance: 500~1500Ω, Bottom Circuit Loop Resistance: 150~900Ω
(2) Linearity Tolerance	≅ 1.5%
(3) Operation Voltage	5VDC
(4) Chattering	≅ 15ms
(5) Insulation	≅ 10MΩ, 25VDC

6. Reliability

Item		Condition
(1)	Constant Temperature and Humidity	60°C, 90%RH, 24 hrs and normalized for 24 hrs
(2)	Heat Cycle	70°C, 24 hrs and normalized for 24 hrs
(3)	Cold Cycle	-20°C, 24 hrs and normalized for 24 hrs
(4)	Thermal Cycle	-20~70°C, 0.5hr each, 10 cycles and normalized for 24 hrs

Non-Proper Ways to handle the touch screen

1. Do not pull or crease the tail of the touch screen.
2. Tails, unless the drawing calls out for a bend, are to be free of permanent creases in the polyester, slight crease lines in the adhesive tail cover are allowed.



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