

## Product Outline: TK-SPA121WX-01, 12.1inch-wide PCAP Touch Module

Item	Specification		
	Display Size (Resolution)	Touch Panel Technology	Series
TK-SPA121WX-01	12.1" (WXGA)	PCAP	Simple set

### 1 Assembly

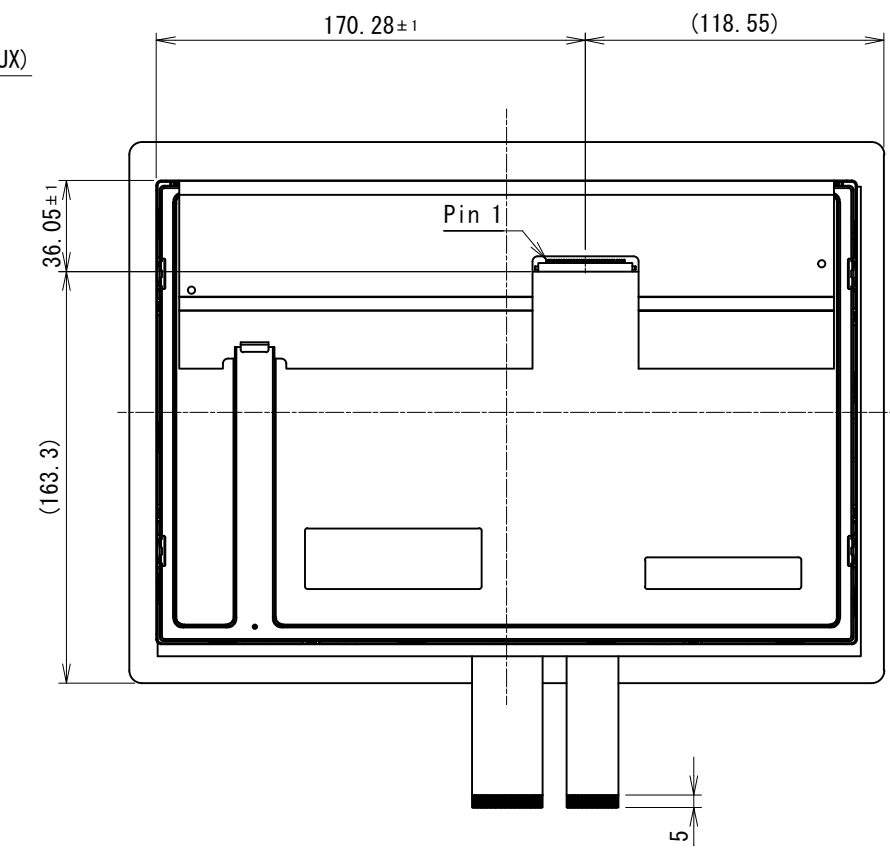
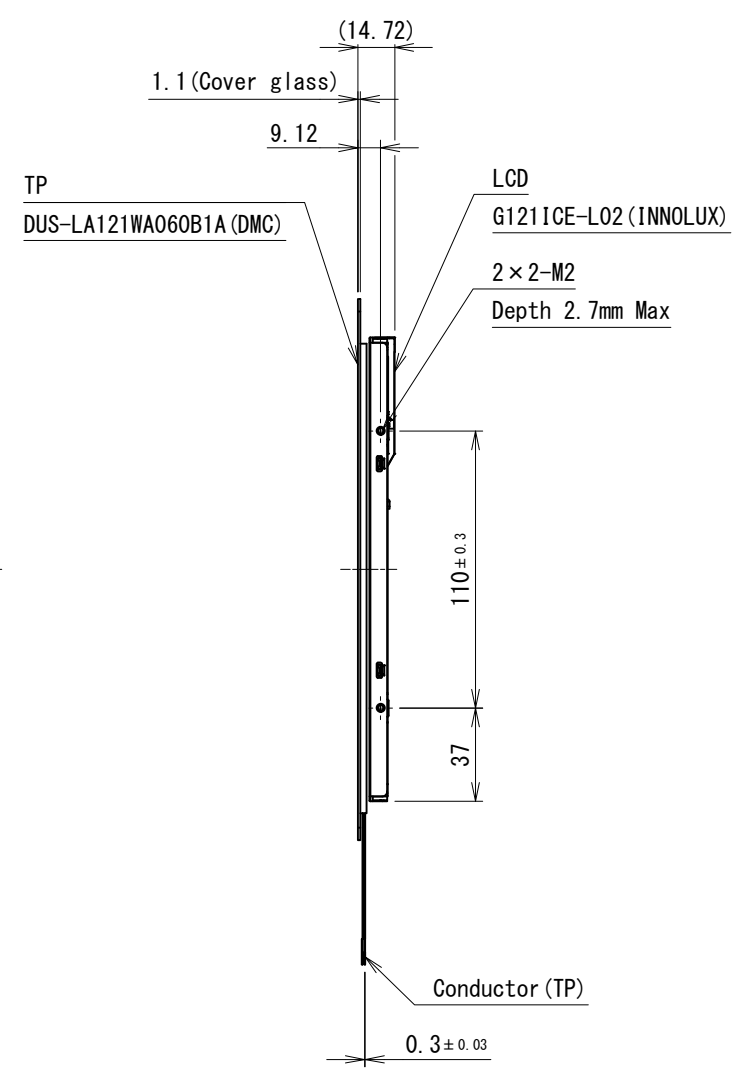
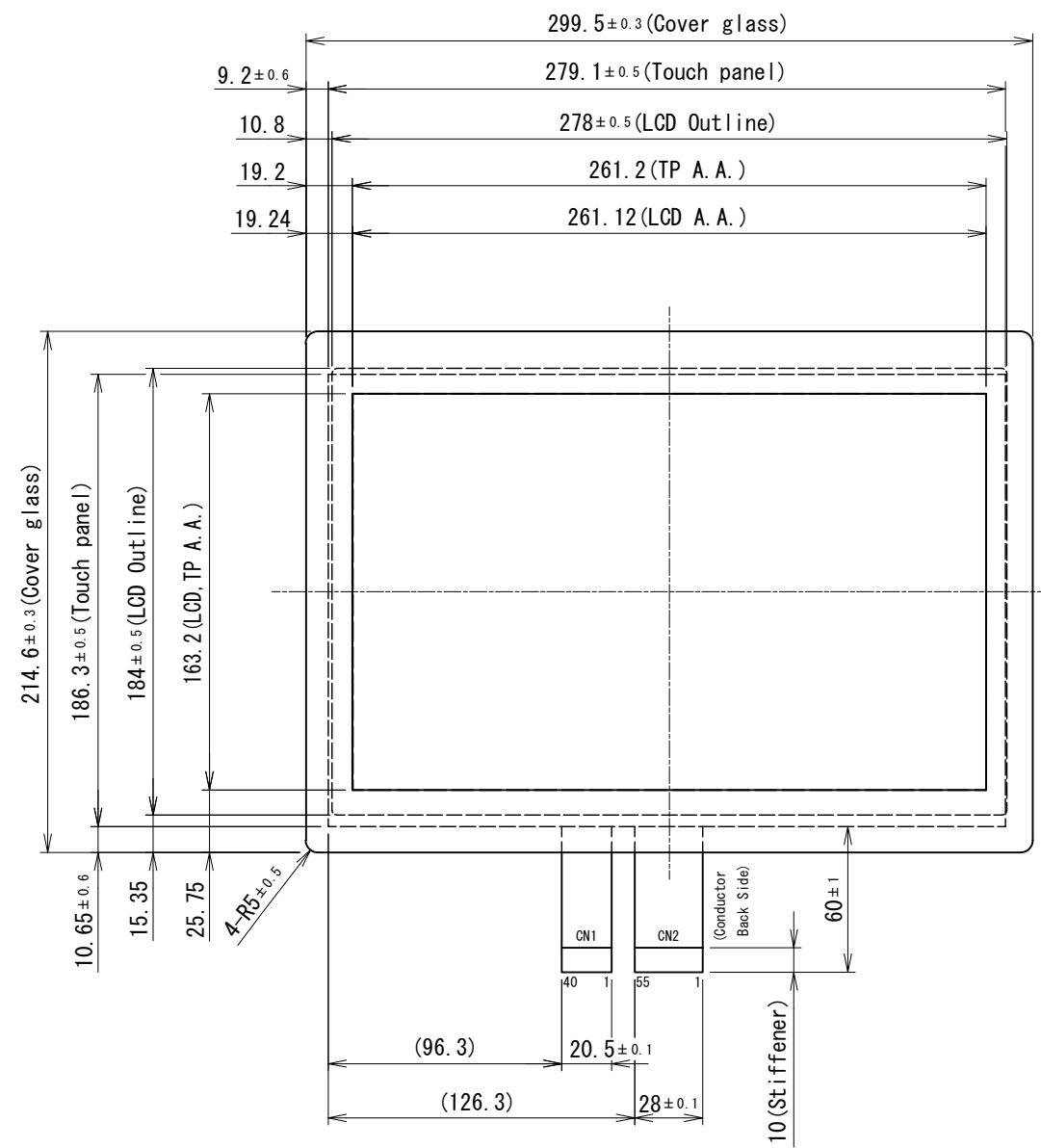
Item	Specification	Manufacturer	Product model
LCD	12.1"	Innolux	G121ICE-L02
Touch Panel	PCAP	DMC	DUS-LA121WA060B1A
Touch Controller	-	DMC	DUS2200A

### 2 Outline Specifications

Item		Specification	Unit	
Display	Display Device	12.1" TFT LCD	-	
	Display Area (Active area)	261.12(W)×163.2(H)	mm	
	Resolution	1280(W)×800(H)	-	
	Pixel Pitch	0.308(W)×0.308(H)	mm	
	Support Color	Approx. 26K/16.77M	color	
	Luminance (Typ.)	400 (LCD only) 350(With touch panel)	cd/m <sup>2</sup>	
	Viewing Angle (Typ.)	Vertical	88 / 88 (Upper/Lower)	deg.
		Horizontal	88 / 88 (Left/Right)	
	Interface	LVDS (18/24bit)	-	
	Backlight	LED, Backlight driver included	-	
Backlight life*1	Min 50,000	hour		
Touch panel	Touch Panel Technology	Projected capacitive touch panel	-	
	Input	Finger	-	
	Number of Multi-touch Points	5 points	-	
	I/F	USB 2.0	-	
	Supported OS	Windows XP/7/8/8.1/10(DMT-DD) Linux	-	
	Operating Life (Input by finger)	50 million	time	
Module	Bonding Method	Air-gap bonding	-	
	External Dimensions (Protruding parts not included.)	279.1(W)×188.7(H)×13.47(D)	mm	
	Operating Temperature	-20 ~ 70	°C	

\*1 The time until the backlight brightness decreases to 50% of the initial value when it is continuously lit with the maximum brightness under the ambient temperature of 25°C.

SYM	改訂日 DATE	改訂内容 DESCRIPTION	ページ PAGE	担当 DESIGNED
	2021.04.06	新規図面登録	-	M.Mitani



- NOTES
1. タッチ方式：投影型静電容量方式
  2. ガラス：厚さ1.1mm
  3. LCD Connector CN1：187114-30091 (P2)
  4. 指示無き寸法公差は、±0.5mmとする。

製図日 ISSUED	2021.04.06	部署 SECTION	Technical Dept.	尺度 SCALE	CAD登録名 CAD FILE NAME	OUTLINE_TK-SPA121WX-01	RoHS対応品 RoHS compliant
承認 APPROVED		検図 CHECKED		1:3	製品名 MODEL	TK-SPA121WX-01	
		製図 DRAWN		単位 UNIT	図名 TITLE	OUTLINE	ページ PAGE
T.Okada	S.Yoshimoto	M.Mitani	M.Mitani	mm			1 / 1
 株式会社 シーズウェア			A3		図番 DWG No.	SM3-002241-10	