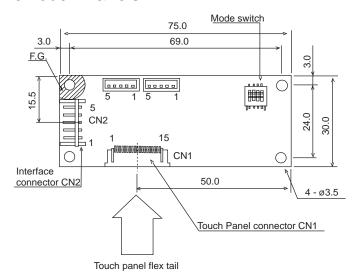


# **TOUCH PANEL CONTROL BOARD 7-WIRE USB**

## N16B-0558-B720 USB Interface Controller Board Quick Reference

## 7-Wire Resistive Touch Panels



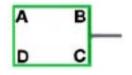


### **■** FEATURES

- High quality and reliability touch panel control board with switch selectable cable tail exit direction.
- USB 1.1 Interface for direct connection to PC or alternative USB interfaces.
- Board is USB bus powered.
- Used to control the 7-wire resistive touch panels.

#### ■ SWITCH SETTINGS

SW1	Orientation	ON		OFF		ON		OFF	1
SW2	mode selection	ON	AH	ON	B	OFF	- C	OFF	D
SW3	switches	ON		OFF	Seed	OFF		ON	



Origin (0,0) Point

#### **■** CONSTRUCTION

Specification Item		N16B-0558-B720 7-Wire USB Control Board			
Mechanical Size / Weight		75mm x 30mm / 30g			
	Supply voltage(max./min.)	Vcc 5.5V/4.1V			
Electrical	Operating current (detect)	36 mA at Vcc = 5V and T = 25 degrees			
	Sleep Mode current	6 mA at Vcc = 5V and T = 25 degrees			
	Operating Temperature	-5° C to +60° C			
Environment	Storage Temperature	-30° C to +70° C			
	Humidity	20%RH to 85% RH at +38° C maximum wet bulb temperature			

1

# **USB 7-Wire Control Board**

### ■ INTERFACE CONNECTION CN2 (JST #: S5B EH)

1.	+5V (Vcc)	3.	D-(Signal)	5.	Frame Ground
2.	D+ (Signal)	4.	Ground		

Complete specification document is available on request for customers with whom we have an approved NDA in place.

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