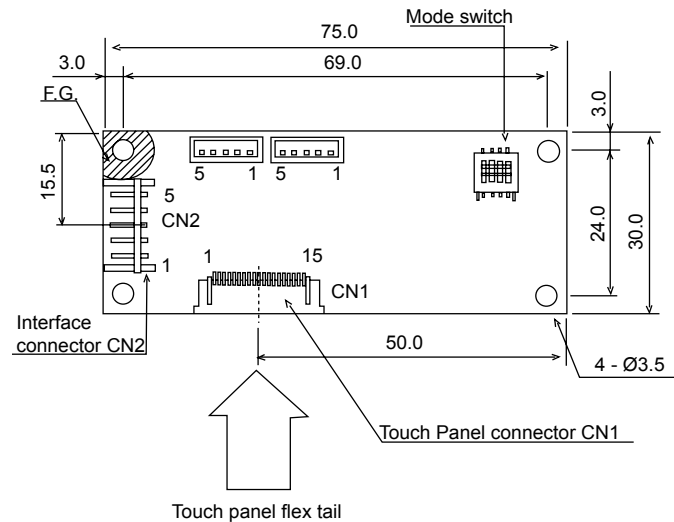


TOUCH PANEL CONTROL BOARD 7-WIRE USB

N16B-0558-B720 USB Interface Controller Board Quick Reference

7-Wire Resistive Touch Panels



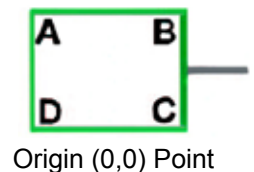
■ FEATURES

- 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 7-wire resistive touch panels.

■ SWITCH SETTINGS

SW1	ON	A	OFF	B	ON	C	OFF	D
SW2	ON		ON		OFF		OFF	
SW3	ON		ON		OFF		ON	

[SW4 is not used]



■ CONSTRUCTION

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

USB 7-Wire Control Board

■ TOUCH PANEL CONNECTION CN1 (FCI: SFW15R-1STAE1)

■ 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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