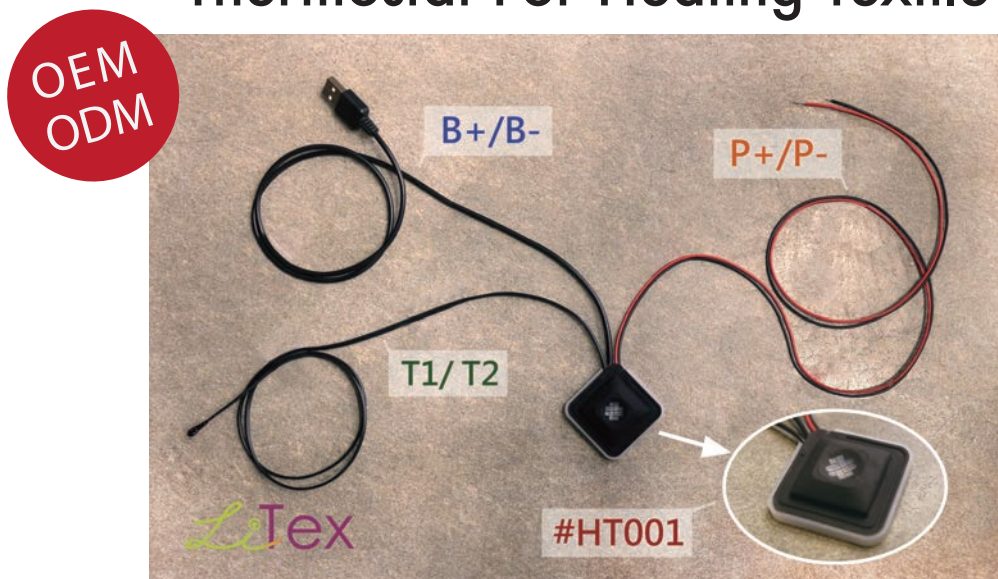


Sewable Silica Gel Switch Controller With Thermostat For Heating Textile



Components

#HT001 Silicon switch

Size(WxLxH) : 38x38x8 (mm)
Current : MAX 5A

Input & Output volts : 3.3V-12V
LED sign : RGB LED 3 sets

P+/P- Heating textile port

B+/B- Battery input port

T1/T2 NTC temperature sensor

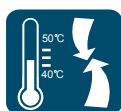
Product Instruction

This switch is designed for the LiTex heating textile. It is an IC chip sealed within a silica gel shield protection with a wide range input (B+/B-, 3.3V-12V/Max5A), thermal sensor (T1/T2), and an output part (P+/P-, for connection with heating textile). By detection and on/off mechanisms, the controller can maintain textile at target temperature. This module contains a safety switch that prevents heating textile from any sort of overheating that would harm the product and user.

Product Advantage



3 modes of temperature control



Self-adjusting temperature



Easily recognizable temperatures



Safety switch prevents over heating



Waterproof (washable)



High range power input compatibility



Silica gel switch designed with sewable edges

Designed for use on LiTex heating textile

Operation mode condition

Temperature switch mode

Turn on /off : long press 1.5 sec.

Switch mode : short press to switch between temperature modes (1 > 2 > 3 > 1 > 2 > 3)

Condition	#1	#2	#3
			
LED color	RED	PURPLE	BLUE
LED movement	Stable lighting		
Temperature ($\pm 2^{\circ}\text{C}/\pm 4^{\circ}\text{F}$)	60°C/140°F	50°C/122°F	40°C/104°F
Remark : It will automatically shuts down when temperature exceeds 80°C/176°F.			

How the module detecting and maintain the target temperature?

