

TSM9910 Touchpad

Tiny Touch

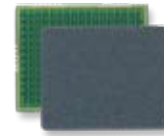
Similar in size to a standard postage stamp, the TSM9910 is our smallest module. Its compact size, thin profile and low weight allow it to be readily integrated into a wide-range of products for navigation and pointing input. The TSM9910's reliable, proven design combined with its easy-to-use and intuitive operation makes it the ideal choice for many diverse applications. We also offer custom overlays to match your design requirements.

applications

- Text entry pads
- Handheld devices
- Remote controls
- Media players
- Cell phones
- Remote presenters
- Point-of-sale devices
- Laptops

options

- Compact sensing area: 33 mm x 27 mm
- PS/2 (6-pin FFC connector) compatibility
- Low power consumption
- Easy product integration due to small, thin and lightweight design
- No maintenance required – Sealable design is immune to moisture, dust and abuse
- Superior navigation and high responsiveness
- Windows®-compatible embedded features mean no additional drivers needed



Using our patented GlidePoint® technology, the TSM9910 is immune to moisture, allowing it to function properly even with water droplets present on the touchpad's sensing surface. Power efficiency of any application is improved with an "idle mode," where the touchpad's current draw is reduced when a finger is not touching its surface.

The TSM9910 is fully compatible with standard Windows mouse drivers. No additional driver is required to activate many of its advanced features. Hardware-configurable options on the module allow for taps (function as left-button clicks), corner-taps (function as right-button clicks), vertical scroll (functions as mouse scroll wheel) and more, depending on the specific application.

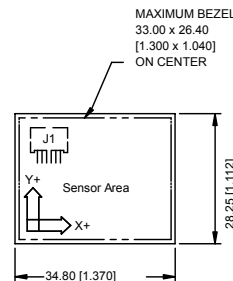
For custom functionality at the product design stage, we offer software that allows OEMs to enable, disable or personalize advanced settings and/or reprogram the touch sensitive area.

Interface	PS/2 with 6-pin FFC connector
Operating Systems	Windows 95, 98, 2000, NT, XP
Button Support	Two (2) mechanical buttons
Sensor Overlay	Standard - part no. 50-49-00 (additional overlays available)

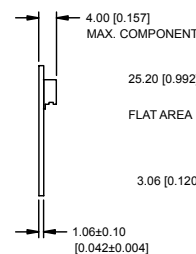
Physical Parameters

Length	34.80 mm (1.370 inches)
Width	28.25 mm (1.112 inches)
Thickness	4.00 mm (0.157 inches) with all components
Weight	< 4 g (< 0.14 ounces)
Active Sensing Area	33.0 x 26.4 mm (1.300 x 1.040 inches)
Voltage	5v +/- 10%
Current	6.6 mA (active) 2.6 mA (idle)
Operating Temperature	0 to 60° Celsius
Operating Humidity	5% to 100% relative humidity (condensing)
Storage Temperature	-40 to 65° Celsius
ESD	15kV when properly mounted in bezel
Environmental	EMI tolerant and manufactured RoHS compliant
Available Accessories	Flatflex PS/2 cable: 38.1 mm (1.5 inches) - part no. 52-01-00 Flatflex PS/2 cable: 50.8 mm (2.0 inches) - part no. 52-01-02

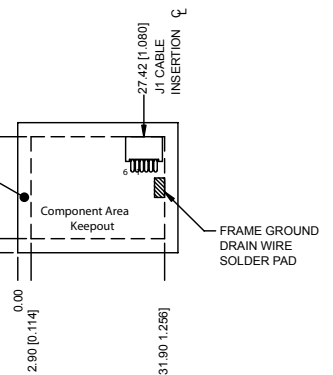
SENSOR VIEW



SIDE VIEW



COMPONENT VIEW



Our knowledgeable and helpful sales team is ready to answer all of your questions. Please call toll-free 1-800-GLIDE-75 or www.cirque.com.

CIRQUE CORPORATION

Input Solutions At Your Fingertips

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