

TSM9911 Touchpad



Similar in size to a standard postage stamp, the TSM9911 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 TSM9911'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

features

- Compact sensing area
- PS/2 (6-pin FFC connector) compatibility
- Low power consumption
- Easy product integration due to thin, 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



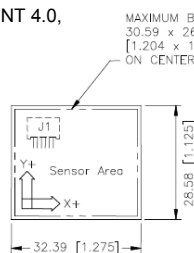
Using our patented GlidePoint® technology, the TSM9911 is immune to moisture, allowing it to function properly even with water droplets present on the touchpad's sensing surface. Power efficiency of any application is improved with an "idle mode," where the touchpad's current draw is reduced when a finger is not touching its surface.

The TSM9911 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.

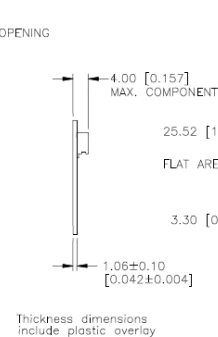
For custom functionality at the product design stage, we offer software that allows OEMs to enable, disable or personalize advanced settings and/or reprogram the touch sensitive area.

Interface	PS/2 with 6-pin FFC connector
Operating Systems	Microsoft Windows® 95 and later Cirque Driver available for Windows® 95, 98, ME, NT 4.0, 2000, XP*, and Vista* (*Supported in current driver version)
Button Support	Two (2) mechanical buttons
Sensor Overlay	Multiple options available
Physical Parameters	
Width	32.39 mm (1.370 inches)
Height	28.58 mm (1.112 inches)
Thickness	4.00 mm (0.157 inches) with all components
Weight	< 4 g (< 0.14 ounces)
Active Sensing Area	30.59 x 26.78 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	6-pin FFC cable available upon request

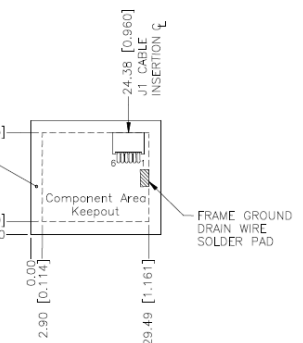
SENSOR VIEW



SIDE VIEW



COMPONENT VIEW



NOTE: Dimensions are in millimeters [inches]. Unless otherwise indicated, all dimensional tolerances are ±0.20 [±.008].

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



CIRQUE CORPORATION

Input Solutions At Your Fingertips
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