

# TSM9915 Touchpad



The compact size of the TSM9915 combined with its thin profile and low weight allow it to be readily integrated into a wide-range of products for navigation and pointing input where space is a constraint. The TSM9915'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

- Keyboards
- Handheld devices
- Remote Controls
- Media Players
- Kiosks
- Remote presenters
- Point-of-sale devices
- Laptops

## features

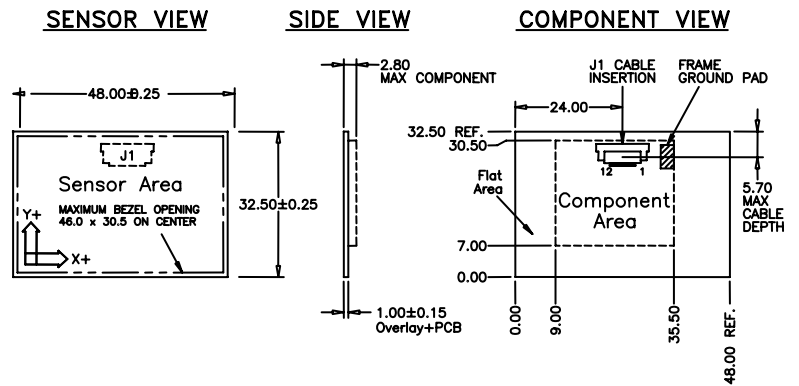
- Compact sensing area
- PS/2 (12-pin FFC connector) compatibility
- Low power consumption
- Easy product integration due to thin, lightweight design
- No maintenance required – Sealable design is immune to moisture, dust and abuse
- Superior navigation and high responsiveness
- Windows®-compatible embedded features mean no additional drivers needed

Using our patented GlidePoint® technology, the TSM9915 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 TSM9915 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.

<b>Interface</b> .....	PS/2 with 12-pin FFC connector
<b>Operating Systems</b> .....	Windows® 98 and later
<b>Button Support</b> .....	Two (2) mechanical buttons
<b>Sensor Overlay</b> .....	Multiple options available
<b>Physical Parameters</b>	
<b>Width</b> .....	48.0 ± 0.25 mm
<b>Height</b> .....	32.5 ± 0.25 mm
<b>Thickness</b> .....	1.00 ± 0.15 mm (PCB + Overlay)
	2.80 mm (PCB + Overlay + Components)
<b>Weight</b> .....	< 5 g
<b>Active Sensing Area</b> ....	46.0 x 30.5 mm
<b>Voltage</b> .....	5v ± 10%
<b>Current</b> .....	6.6 mA (active)
	2.6 mA (idle)
<b>Operating Temperature</b>	0° to 60°Celsius
<b>Operating Humidity</b> .....	5% to 100% relative humidity (condensing)
<b>Storage Temperature</b> ...	-40° to +65° Celsius
<b>ESD</b> .....	15kV when properly mounted in bezel
<b>Environmental</b> .....	EMI tolerant and manufactured RoHS compliant
<b>Available Accessories</b> .	12-pin FFC cable available upon request



NOTE: Dimensions are in millimeters. Unless otherwise indicated, all dimensional tolerances are ± 0.15.

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](http://www.cirque.com)

## CIRQUE CORPORATION

Input Solutions At Your Fingertips

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