

TM5960 Touchpad



Our TM5960 is designed for use as an embedded SPI® input device. Its dimensions are larger than the industry standard for the notebook computer pointing devices, making it ideal for integration into a wide variety of products. We also offer custom overlays to match your design requirements.

Using our patented GlidePoint® technology, the TM5960 is immune to moisture, allowing it to function properly even with water droplets present on the touchpad's sensing surface. The TM5960 offers "idle mode" and "sleep mode" to improve power efficiency for touch applications.



applications

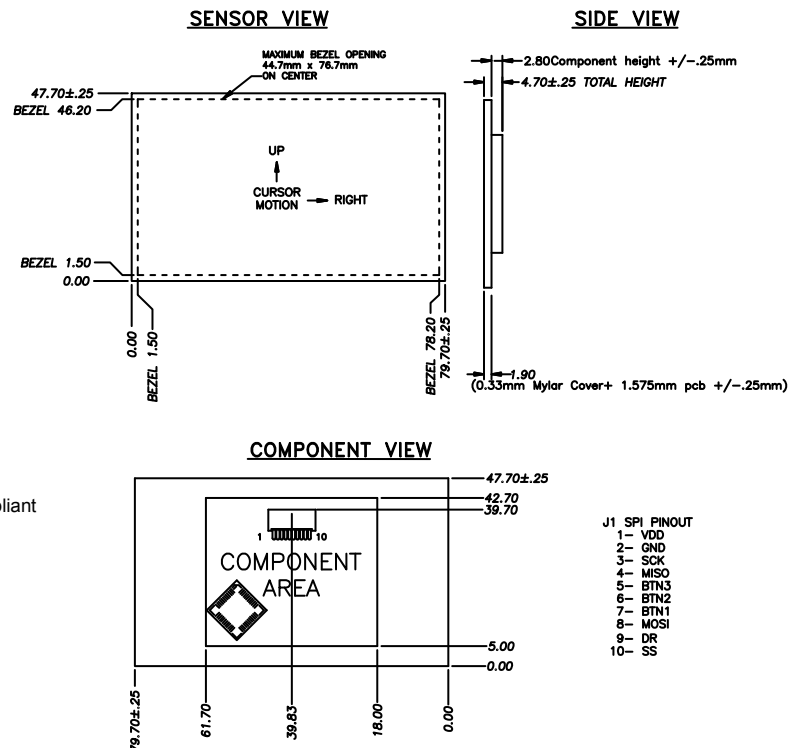
- Wireless products
- Keypads
- Mouse alternatives
- Industrial control panels
- Medical instruments
- PC peripherals
- Point-of-sale devices

features

- Larger than notebook computer industry-standard
- SPI (10-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



Interface	SPI with 10-pin FFC connector
Button Support	Three (3) mechanical buttons
Sensor Overlay	Multiple options available
Physical Parameters	
Width	79.70 mm ± 0.25
Height	47.70 mm ± 0.25
Thickness	4.70 mm ± 0.25 mm with all components
Weight	< 14 g
Active Sensing Area	76.70 x 44.70 mm
Voltage	3.0 V ± 15% (5V ± 10% optional)
Current	3.0 mA (active) 1.5 mA (idle) 50 µA (sleep) 10 µA (shutdown)
Operating Temperature	-40° to 85° Celsius
Operating Humidity	5% to 95% relative humidity (condensing)
Storage Temperature	-55° to + 150° Celsius
ESD	15 kV when properly mounted in bezel
Environmental	EMI tolerant and manufactured RoHS compliant



NOTE: DIMENSION FORMAT: 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



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Input Solutions At Your Fingertips

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