

5-position Navigation Switch

Multi Function
Surface mount Tape

MODEL NO.
TM-5207 Series



Features/Benefits

- One touch, 5 way switching
- Distinctive tactile feel for scanning and select functions
- Normally open momentary contacts
- Push down to select possible in any position
- Optional pegs for improved mechanical strength and easier PCB positioning
- RoHS compliant and compatible

Typical Applications

- Electronic devices requiring direct control on LCD display
- MP3 player
- Bluetooth Headset
- Digital cameras
- GPS navigation systems
- Home entertainment systems
- Security



Main Specifications

Electrical

1. **Rating:** DC12V, 50mA Max.
2. **Contact Resistance:** 500m Ω Max.
3. **Operating Spec.**
 - 1) Center Push
 - a) Operating Force: 260 \pm 70gf
 - b) Stroke: 0.15 \pm 0.1mm
 - 2) 4-Way Direction
 - a) Operating Force: 160 \pm 50gf
 - b) Stroke: 0.2 \pm 0.1mm
4. **Life Cycles:** 200,000 Cycles

Subsidiary Production Code

Code number	Operating direction	Guide Boss	Drawing
TM-5207	Vertical actuation options	With	1

Packing Specification

Quantity(unit: pcs)	Pitch (unit: mm)	Remark
1000		

No.	3D	P.C.B pattern dimensions	Circuit Diagram
1	TM-5207		
	<p>Technical drawings of the TM-5207 PCB pattern dimensions. The drawings include:</p> <ul style="list-style-type: none">Top view: Square footprint of 12.4mm. Central circular feature. Eight mounting holes numbered 1-8.Front view: 12.9mm wide board. 2-Ø1.4mm holes. 6-Ø1.2mm holes.Side view: 14.5mm wide board. 3.2mm high feature. 2.0mm wide slots. 0.8mm MAX. dimension.Bottom view: 12.4mm wide board. 5° angle. 2.65mm center of rotation. <p>Dimensions are provided in millimeters.</p>		