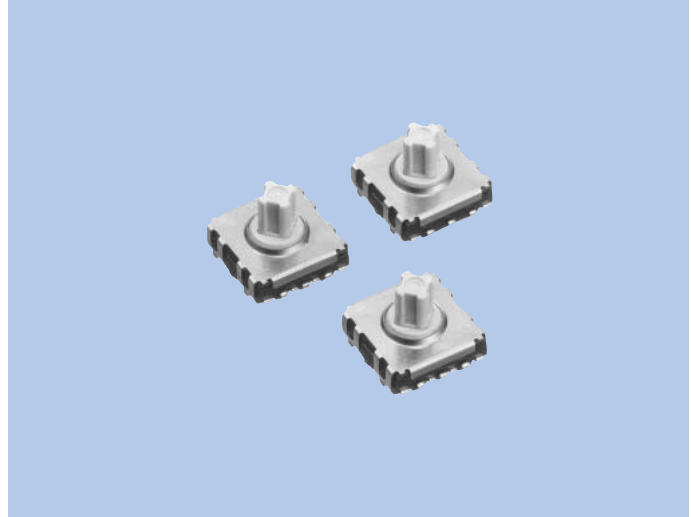# Multi-Function Tactile Switches
SOQ Series

FEATURES

1. Minimized mounting area.
2. 1-pole, 5-contacts structure is adopted so that switches in this series can be used in a comparator circuit.
3. Long life and enhanced tactile feeling by unique 2 layer construction.
4. 4 direction operation and center click switch.
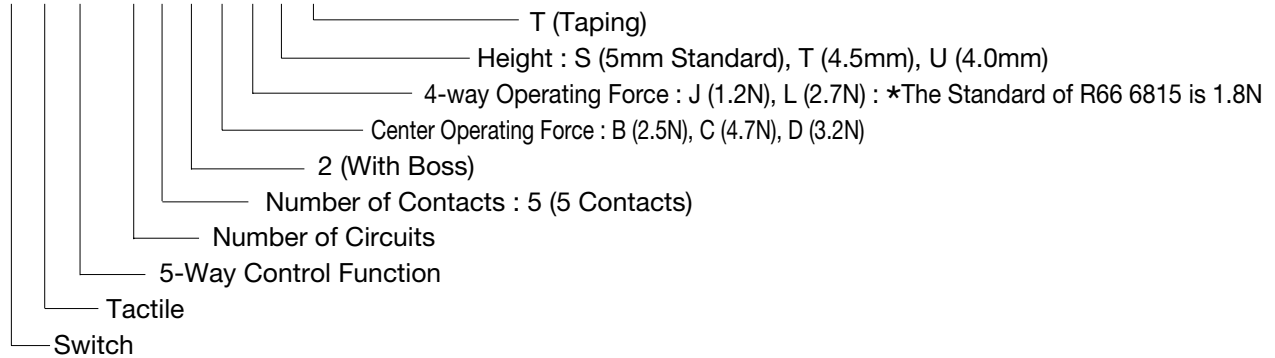5. Suitable for SMT reflow soldering.

APPLICATIONS

1. For mobile phones, DSCs, Game equipment and PDAs.
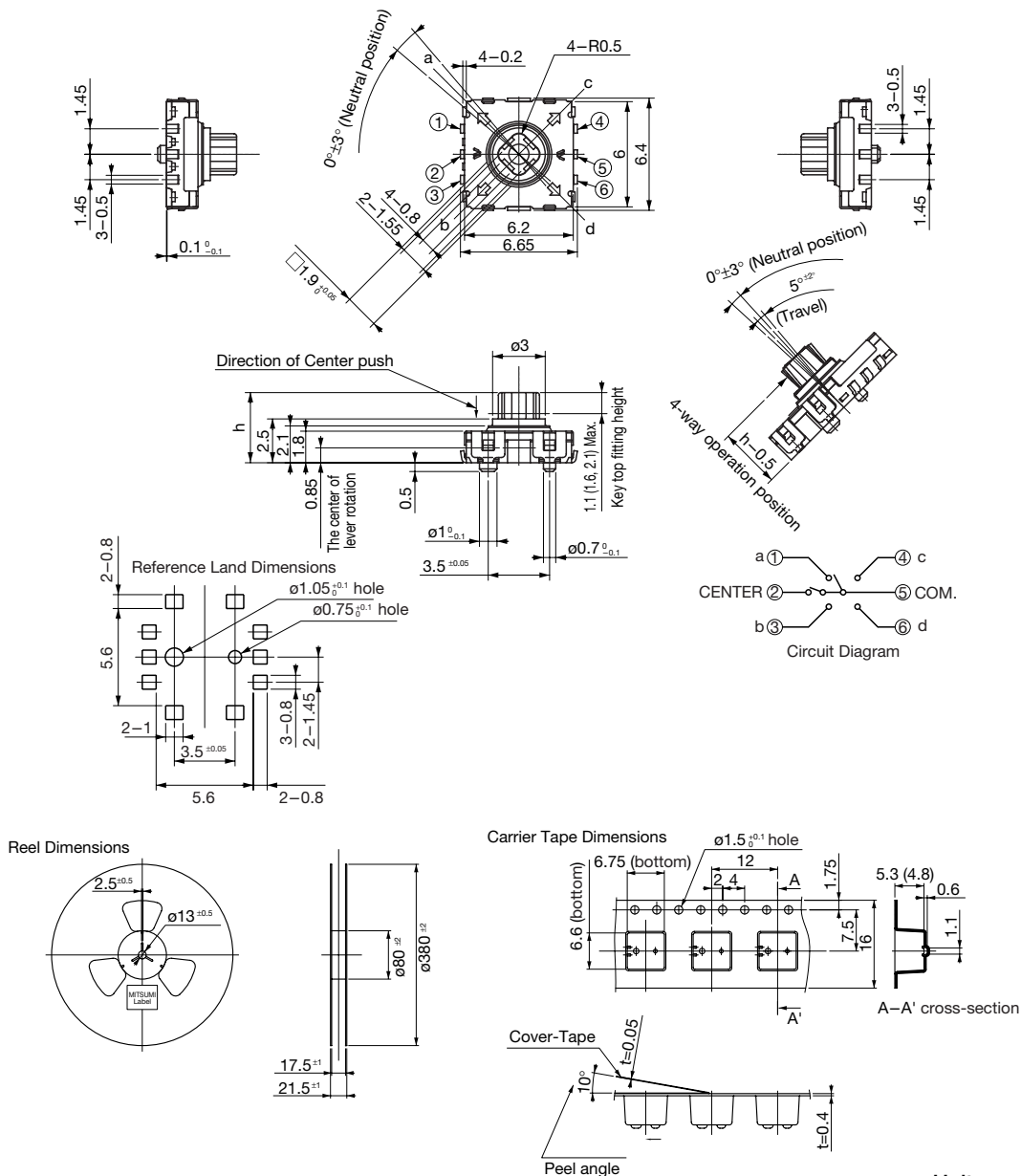
MODEL NAME CODE

S O Q - 1 5 2 B J S T

- T (Taping)
- Height : S (5mm Standard), T (4.5mm), U (4.0mm)
- 4-way Operating Force : J (1.2N), L (2.7N) : ＊The Standard of R66 6815 is 1.8N
- Center Operating Force : B (2.5N), C (4.7N), D (3.2N)
- 2 (With Boss)
- Number of Contacts : 5 (5 Contacts)
- Number of Circuits
- 5-Way Control Function
- Tactile
- Switch

SPECIFICATIONS

Electrical Characteristics	Rating			50mA, 12V DC
	Contact Resistance			200mΩ or less
	Insulation Resistance			100MΩ or more
	Withstand Voltage			1 minute at 100V
Mechanical Characteristics	Operating Force	4-Way	J Type	1.2N ＊The Standard of R66 6815 is 1.8N
			L Type	2.7N
		Center	B Type	2.5N
			C Type	4.7N
			D Type	3.2N
Life			BJ Type	200,000cycles
			CL Type	100,000cycles
			DJ Type	100,000cycles

TYPE

Model Name Code	Order Number	Operating Force		Number of Contacts	Mounting Height (h)	Pcs/Reel
		Center	4-Way			
SOQ-152BJST	R 666538	2.5N	1.2N	5	5.0mm	1,000
SOQ-152BJTT	R 666539	2.5N	1.2N	5	4.5mm	1,000
SOQ-152CLST	R 666540	4.7N	2.7N	5	5.0mm	1,000
SOQ-152CLTT	R 666541	4.7N	2.7N	5	4.5mm	1,000
SOQ-152DJST	R 666542	3.2N	1.2N	5	5.0mm	1,000
SOQ-152DJTT	R 666543	3.2N	1.2N	5	4.5mm	1,000
SOQ-152BJUT	R 666815	2.5N	1.8N	5	4.0mm	1,000

DIMENSIONS

*One reel accommodates 1,000 pieces (Ø380).
 Inside (   ), 4.5mm specification.

Unit : mm
☆Tolerance : ±0.3mm