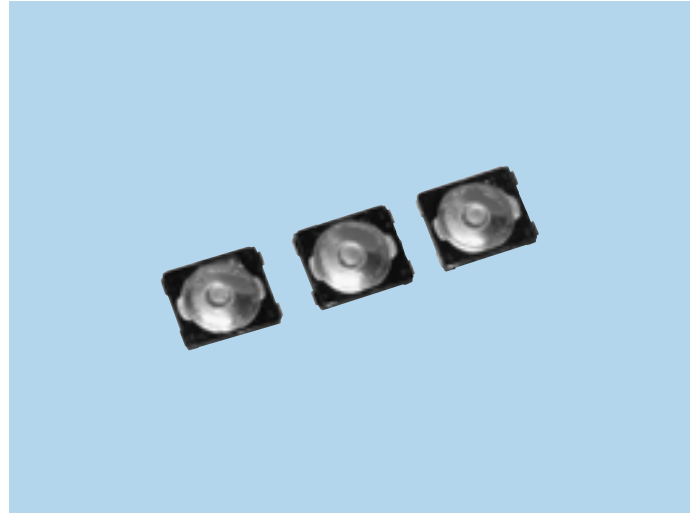


Ultra-Small Type Tactile Switches SOM Series

FEATURES

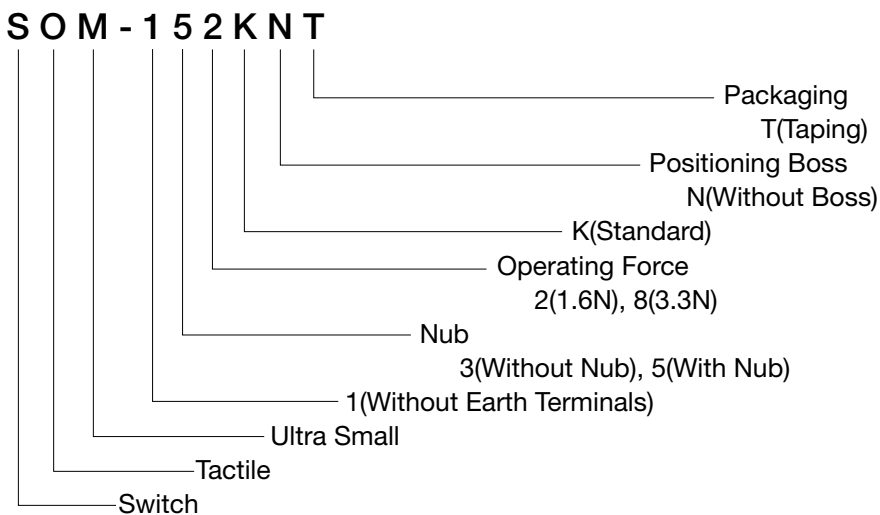
1. Ultra-small tactile switch with Nub and surface area reduced by 60% in comparison with previous model.
2. Coplanarity of 0.1mm max. guaranteed.
3. Stainless steel metal dome realizes superior feeling.
4. Suitable for SMT reflow soldering.



APPLICATIONS

For any portable devices, mobile phones, DSCs, portable music players, etc.

MODEL NAME CODE



SPECIFICATIONS

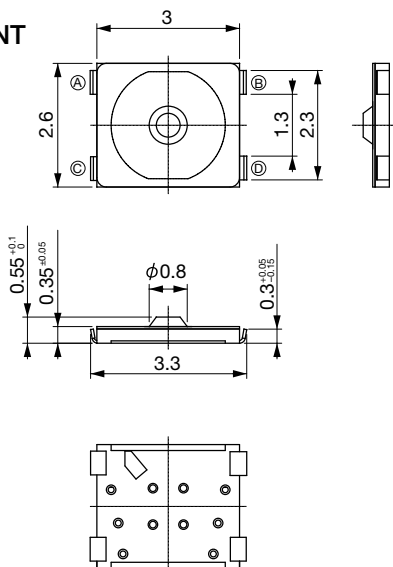
Electrical Characteristics	Rating	DC15V, 20mA (Resistance load)
	Contact Resistance	500mΩ or less
	Insulation Resistance	50MΩ or more
	Withstand Voltage	1 minute at 100V AC

TYPE

Model Name Code	R Number	Dimensions/Height	Features	Operating Force	Life	Pcs/Reel
SOM-152KNT	R66 7275	3.0x2.6 h=0.55	With Nub	1.6N	100,000	10,000
SOM-132KNT	R66 7274	3.0x2.6 h=0.35	Without Nub	1.6N	100,000	10,000
SOM-158KNT	R66 7277	3.0x2.6 h=0.60	With Nub, Double Spring	3.3N	100,000	10,000

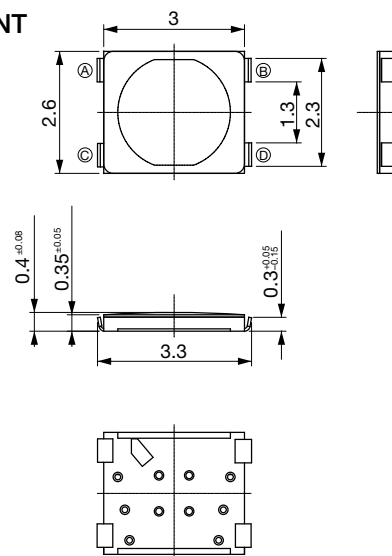
DIMENSIONS

SOM-152KNT



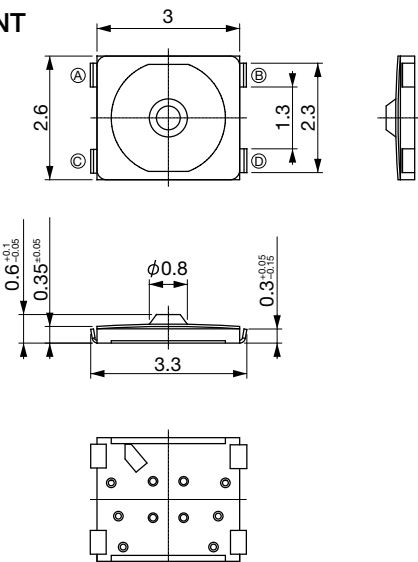
Unit:mm

SOM-132KNT



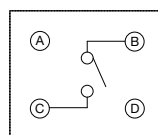
Unit:mm

SOM-158KNT



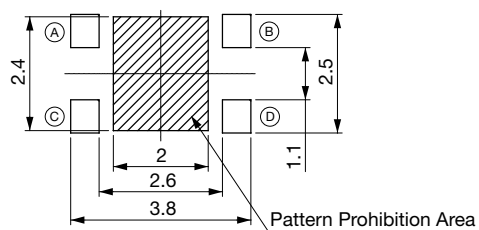
Unit:mm

Circuit Diagram



There is no connection between A and B, nor between C and D in the switch.

Reference Land Dimensions (TOLERANCE ±0.05)



Connect the board pattern to lands B and C and not to lands A and D.