



◆FEATURE

- Non-contact Magnetic Structure.
- Encoder With R.G.B LED Available.
- Operating life: 5,000,000 cycles.

◆APPLICATIONS

- All kinds of level control, tuning and timer setting in audio-visual equipment, ordinary household electric appliances, radio equipment, communications equipment, etc.

◆COMMON SPECIFICATIONS

Pulse	Number of detent	Phase difference (msec)	Rating	Output Signal Low/High	Insulation resistance	Dielectric strength	Detent torque (gf · cm)	Rotationallife (cycle)
15	0	4	DC 5V 3 mA	0.5V/5V	100V DC 100MΩ MIN	250V AC 1 min	30~200 (0 DETENT: 50gf · cm以下)	5,000,000
	30							

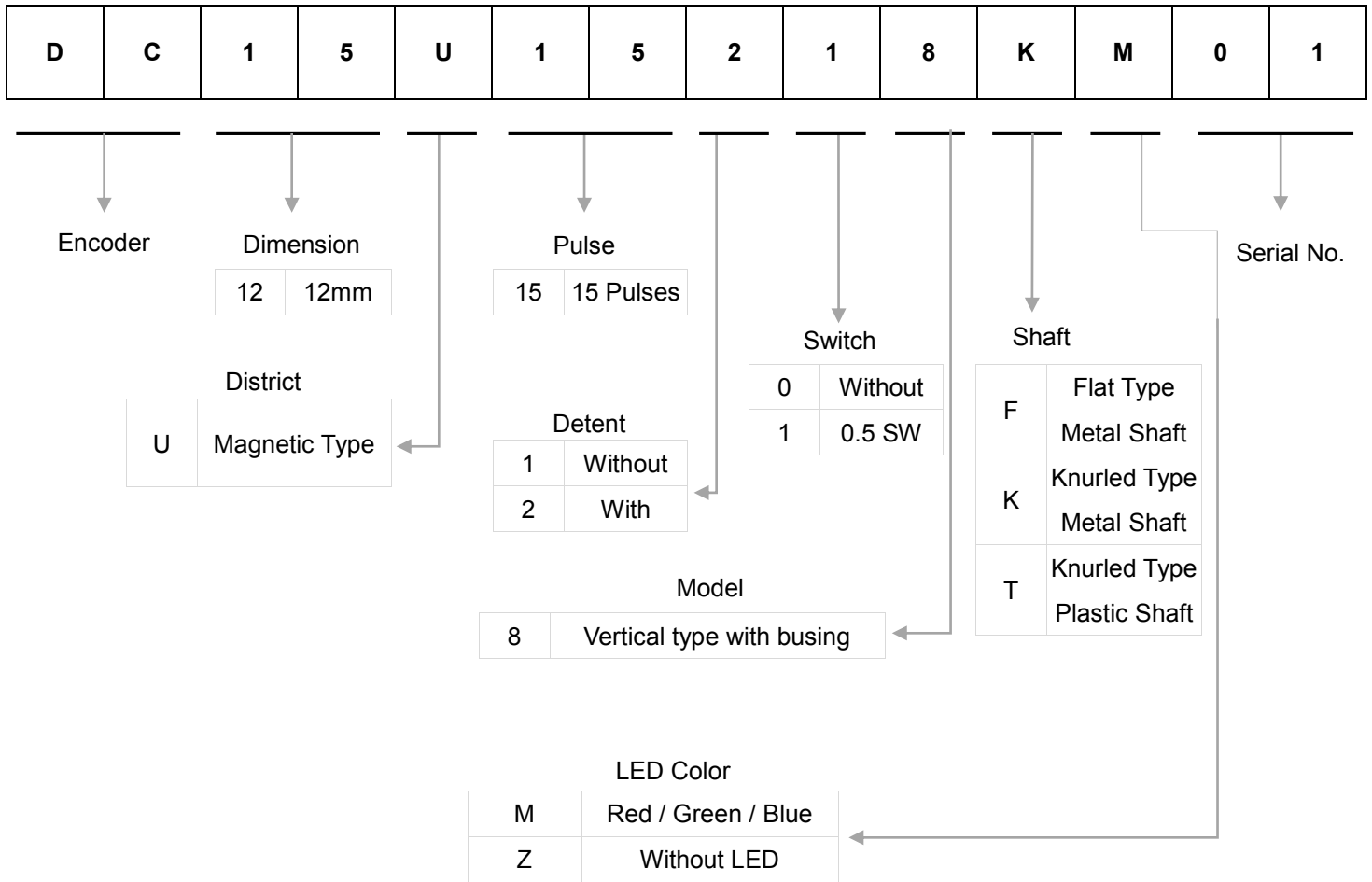
◆SWITCH SPECIFICATIONS

Rating	Contact resistance	Insulation resistance	Dielectric strength	Contact arrangement	Travel of switch (mm)	Operating force (gf)	Operating life (cycle)
DC 5V 10 mA	100 mΩ	250V DC 100MΩ MIN	300V AC 1 min	PUSH ON	0.5 +0/-0.3	200±100	1,000,000

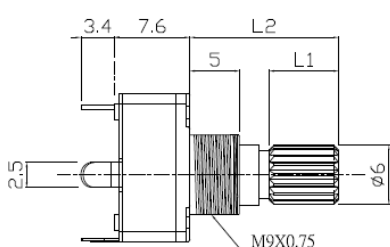
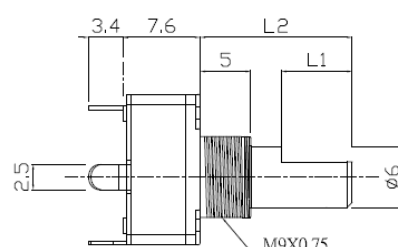
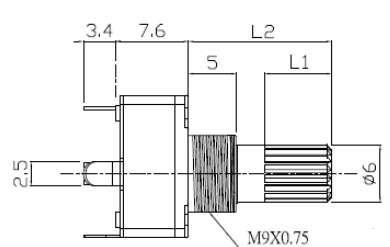
◆LED SPECIFICATIONS

Emitted color
Three colors LED
Red / Green / Blue

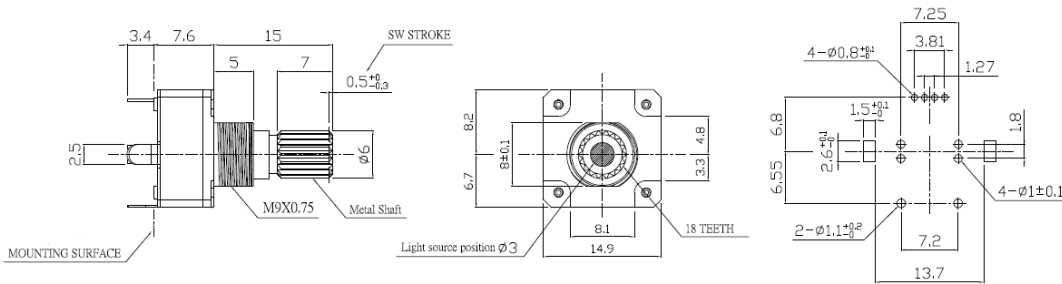
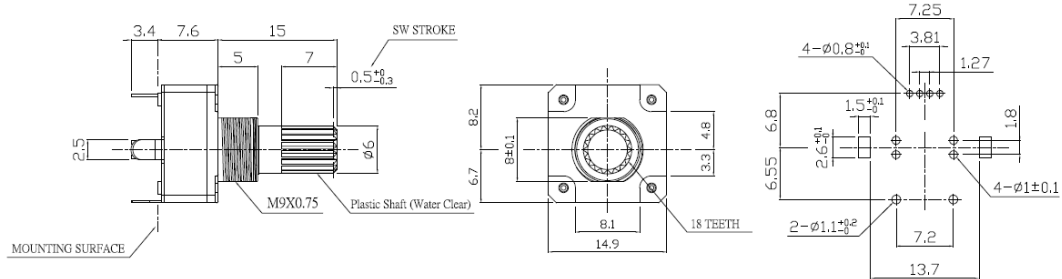
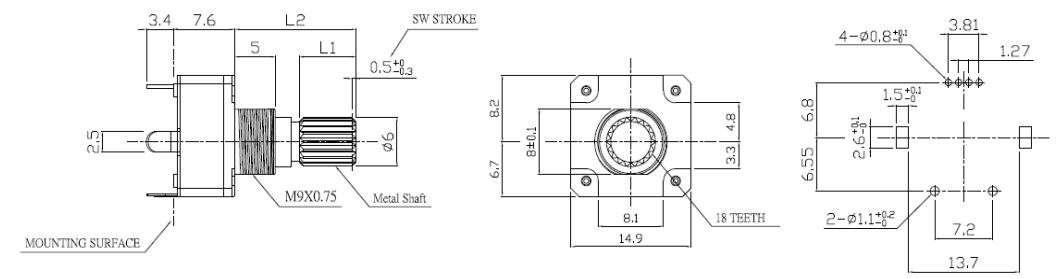
◆PRODUCT NUMBERING SYSTEM



◆STANDARD DIMENSION OF SHAFT AND BUSHING

Knurled Type Metal Shaft		Flat Type Metal Shaft		Knurled Type Plastic Shaft	
					
L1	L2	L1	L2	L1	L2
7	15	7	15	7	15
7	20	7	20		
7	25	7	25		

DIMENSION Unit : mm

Model	Dimensions
DC15U15218KM Metal Shaft with RGB LED vertical type 	
DC15U15218TM Plastic Shaft with RGB LED vertical type 	
DC15U15218KZ Metal Shaft vertical type 	
DC15U15218FZ Metal Shaft vertical type 	