



♦FEATURE

- Encoder of Surface Mount Device type.
- · With push-on switch.

♦APPLICATIONS

- Most suitable for all controls of compact and low profile electronic equipment.
- Hi-Fi, CD, Mini Disc and MP3 players, volume, tone and title search controls.
- TV/monitor OSD setting.

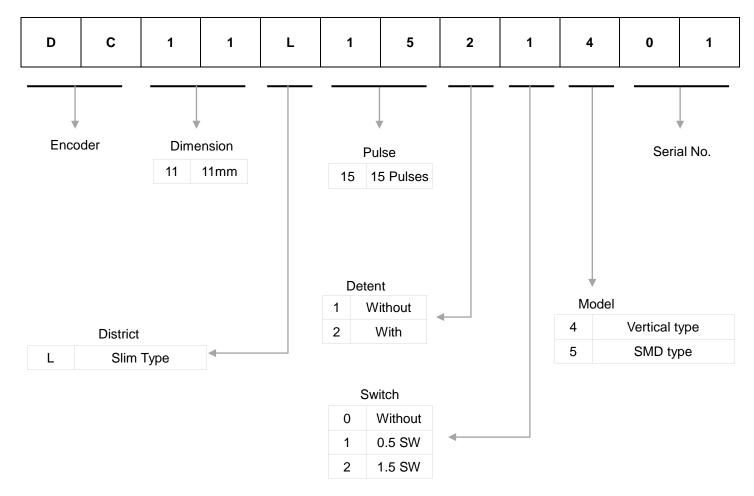
♦ COMMON SPECIFICATIONS

Pu	se Number of detent	Phase difference (msec)	Chattering (msec)	Sliding noise (msec)	Insulation resistance	Dielectric strength	Detent torque (gf • cm)	Rotational life (cycle)	
4	_ 0	4	2	0	250V DC	300V AC	50gf⋅cm以下	15,000	
15	30	4	2	2	$100M\Omega$ MIN	1 min	100±70	15,000	

♦ SWITCH SPECIFICATIONS

Rating	Contact resistance	Insulation resistance	Dielectric strength	Contact arrangement	Travel of switch (mm)	Operating force (gf)	Operating life(cycle)
DC 5V	100 mΩ	250V DC 300V AC 100MΩ MIN 1 min	300V AC	PUSH ON	0.5	350±100	20,000
10 mA	100 11122		1 min	PUSH ON	1.5	400±200	

◆ PRODUCT NUMBERING SYSTEM





♦ STANDARD DIMENSION OF SHAFT AND BUSHING

Knurled Type (Zinc Diecast)

1	Without Switch	h	0.5	mm Switch Str	oke	1.5mm Switch Stroke			
07	B L2 18 TEET	±1 90		L1 LB L2 18 TEET	90	L1 LB L2 18 TEETH			
L1	LB	L2	L1	LB	L2	L1	LB	L2	
9.5	_	E 4.E	9.5	5	2.9	9.5	5	2.9	
9.5	5 5 4.5		13.5	5	6.9	13.5	5	6.9	

Knurled Type (Aluminum)

1	Nithout Switch	า	0.5mm Switch Stroke			1.5mm Switch Stroke			
LB LB	7 - 7	TEETH 90	LB LB	L1 L2 18	HT33T	L1 18 TEETH			
L1	LB	L2	L1	LB	L2	L1	LB	L2	
15	5	8	15	5	7	15	5	6	
20	7	10	20	7	9	20	7	8	

FLAT TYPE

Without Switch			0.5n	nm Switch Str	oke	1.5mm Switch Stroke			
	78 78 78 78 78 78 78 78 78			L1			TB LS P		
L1	L1 LB L2		L1	LB	L2	L1	LB	L2	
15	5	7	15	5	7	15	5	7	
20	7	12	20	7	10	20	7	10	



DIMENSION Unit: mm Model **Dimensions** DC11L15205 Vertical type SMD DC11L15215 with push on switch -0.5SW vertical type CIRCUIT DIAGRAM MOUNTING HOLE DETAIL VIEWED FROM MOUNTING SIDE DC11L15225 with push on switch-1.5SW vertical type CIRCUIT DIAGRAM MOUNTING HOLE DETAIL VIEWED FROM MOUNTING SIDE



DIMENSION Unit: mm

