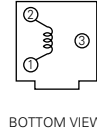
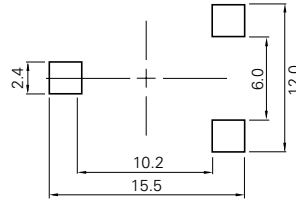
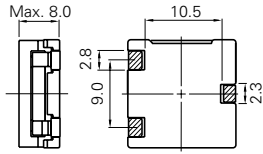
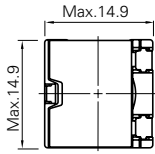


# CDEP147

**DIMENSIONS (mm)**
**LAND PATTERNS (mm)**
**CONNECTION**
**CONSTRUCTION**

**TYPE : CDEP147(Low D.C.R Type), CDEP147(Standard Type), CDEP147(High Power Type)**

Parts No.	L (H)	CDEP147(Low D.C.R Type)			CDEP147(Standard Type)			CDEP147(Standard Type)					
		D.C.R.(Ω) : Max.(Typ.)	Saturation Current (A) *A		Temperature Rise Current (A) *B	D.C.R.(Ω) : Max.(Typ.)	Saturation Current (A) *A		Temperature Rise Current (A) *B	D.C.R.(Ω) : Max.(Typ.)	Saturation Current (A) *A		Temperature Rise Current (A) *B
			20 °C	100 °C			20 °C	100 °C			20 °C	100 °C	
0R3	0.3μ									1.18m(0.98m)	70.0	59.8	23.0
0R5	0.5μ	1.18m(0.98m)	39.6	33.9	23.0								
0R4	0.4μ					1.18m(0.98m)	52.8	45.6	23.0				
0R7	0.7μ									1.46m(1.22m)	46.4	39.2	21.5
0R9	0.9μ					1.46m(1.22m)	36.0	30.8	21.5				
1R1	1.1μ	1.46m(1.22m)	26.4	22.8	21.5								
1R2	1.2μ									2.02m(1.69m)	35.7	30.0	20.0
1R5	1.5μ					2.02m(1.69m)	27.2	22.8	20.0				
1R8	1.8μ									3.23m(2.70m)	29.6	24.0	17.5
2R0	2.0μ	2.02m(1.69m)	19.6	16.8	20.0								
2R4	2.4μ					3.23m(2.70m)	22.4	19.2	17.5				
2R6	2.6μ									4.97m(4.14m)	24.4	20.4	16.0
3R1	3.1μ	3.23m(2.70m)	16.0	13.6	17.5								
3R4	3.4μ					4.97m(4.14m)	18.4	16.0	16.0				
3R5	3.5μ									6.03m(5.02m)	20.8	17.2	12.5
4R5	4.5μ	4.97m(4.14m)	13.6	11.6	16.0								
4R7	4.7μ					6.03m(5.02m)	15.2	14.2	12.5	7.80m(6.50m)	17.6	16.0	11.0
5R9	5.9μ									9.85m(8.21m)	16.4	14.0	10.0
6R1	6.1μ	6.03m(5.02m)	11.6	10.0	12.5	7.80m(6.50m)	14.8	12.4	11.0				
7R3	7.3μ									13.3m(11.1m)	14.6	12.2	8.5
7R7	7.7μ					9.85m(8.21m)	12.4	10.6	10.0				
8R0	8.0μ	7.80m(6.50m)	10.0	8.2	11.0								
9R5	9.5μ					13.3m(11.1m)	11.2	9.6	8.5				
100	10μ	9.85m(8.21m)	9.2	7.6	10.0								
120	12μ	13.3m(11.1m)	8.0	6.6	8.5								

**Measuring Freq. (L)**

- CDEP147(L) 100kHz
- CDEP147(S) 100kHz
- CDEP147(H) 100kHz

**Tolerance of Inductance**

- CDEP147(L) 0.5μH - 12.0μH ± 20%(M)
- CDEP147(S) 0.4μH ± 25%(N), 0.9μH - 9.5μH ± 20%(M)
- CDEP147(H) 0.3μH ± 25%(N), 0.7μH - 7.3μH ± 20%(M)

**Other**

- \*A Saturation Current : This indicates the value of D.C. current when the inductance decreases to 75% of its nominal.
- \*B Temperature Rise Current : The actual current when temperature of coil becomes ΔT=40°C.

**About Lead-free products**

- Lead-free products are now available for sale
- To order a lead-free product, please add " NP " after the product type
- e.g. Ordering code of lead product : Type name-△△△○×
- Ordering code of lead-free product : Type name NP △△△○×

**Ordering Code**
**CDEP147 - △△△○× - □□**

- △ : Parts No.
- : Tolerance of inductance  
M (20%)  
N (25%)
- × : Packing  
C (Carrier tape)  
B (Box)
- :  
125 (Low D.C.R. type)  
95 (Standard type)  
73 (High power type)