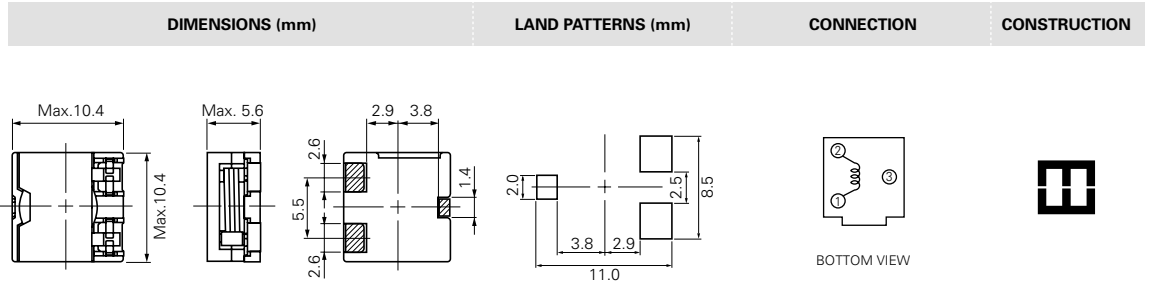


CDEP105



(0.15μH - 8.8μH)

TYPE : CDEP105(Low D.C.R Type), CDEP105(Standard Type), CDEP105(High Power Type)

Parts No.	L (H)	CDEP105 (Low D.C.R Type)			CDEP105(Standard Type)			CDEP105(High Power Type)					
		D.C.R.(Ω) : Max.(Typ.)	Saturation Rated Current (A) *A		Temperature Rise Current (A) *B	D.C.R.(Ω) : Max.(Typ.)	Saturation Rated Current (A) *A		D.C.R.(Ω) : Max.(Typ.)	Saturation Rated Current (A) *A			
			20℃	100℃			20℃	100℃		20℃	100℃		
0R1	0.15μ								1.7m(1.4m)	55.0	46.0	19.0	
0R2	0.22μ				1.7m(1.4m)	40.0	30.9	19.0					
0R3	0.3μ								2.4m(2.0m)	40.0	33.0	17.7	
0R3	0.36μ	1.7m(1.4m)	24.0	20.0	19.0								
0R4	0.45μ				2.4m(2.0m)	26.4	21.2	17.7					
0R5	0.5μ								4.1m(3.4m)	30.4	25.0	13.0	
0R8	0.8μ	2.4m(2.0m)	16.0	13.2	17.7	4.1m(3.4m)	20.8	16.7	13.0	5.3m(4.4m)	25.2	20.7	11.2
1R2	1.2μ								7.5m(6.2m)	21.0	17.4	9.0	
1R3	1.3μ					5.3m(4.4m)	16.8	13.4	11.2				
1R4	1.4μ	4.1m(3.4m)	12.0	10.0	13.0								
1R5	1.5μ								10.5m(8.7m)	18.0	15.0	7.8	
1R8	1.8μ					7.5m(6.2m)	13.8	11.0	9.0				
2R0	2.0μ								12.4m(10.3m)	15.8	13.1	7.4	
2R2	2.2μ	5.3m(4.4m)	9.6	8.0	11.2								
2R5	2.5μ					10.5m(8.7m)	11.8	9.6	7.8	18.0m(15.0m)	14.0	11.7	6.2
3R0	3.0μ								23.8m(19.8m)	12.6	10.5	4.9	
3R2	3.2μ	7.5m(6.2m)	7.8	6.6	9.0	12.4m(10.3m)	10.5	8.4	7.4				
4R0	4.0μ					18.0m(15.0m)	9.3	7.4	6.2				
4R3	4.3μ	10.5m(8.7m)	6.8	5.7	7.8								
5R0	5.0μ					23.8m(19.8m)	8.4	6.7	4.9				
5R7	5.7μ	12.4m(10.3m)	5.8	4.9	7.4								
7R2	7.2μ	18.0m(15.0m)	5.3	4.2	6.2								
8R8	8.8μ	23.8m(19.8m)	4.8	4.0	4.9								

Measuring Freq. (L)

- CDEP105(L) 100kHz
- CDEP105(S) 100kHz
- CDEP105(H) 100kHz

Tolerance of Inductance

- CDEP105(L) 0.36μH ± 30% (N), 0.8μH - 8.8μH ± 20% (M)
- CDEP105(S) 0.22μH ± 30% (N), 0.45μH - 5.0μH ± 20% (M)
- CDEP105(H) 0.15μH - 0.3μH ± 30% (N), 0.5μH - 3.0μH ± 20% (M)

Other

- *A Saturation Rated Current : The current either the inductance value becomes 35% (tolerance ± 30%) lower than its nominal value or becomes 25% (tolerance ± 20%) lower than its nominal value.(Ta=20℃)
- *B Temperature Rise Current : The actual current when temperature of coil becomes ΔT=40℃. (Ta=20℃)

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

CDEP105 - △△△△○-□□

- △ : Parts No.
- : Tolerance of inductance
- × : Packing
- :
- M (20%)
- N (30%)
- C (Carrier tape)
- B (Box)
- 88 (Low D.C.R. type)
- 50 (Standard type)
- 32 (High power type)