

POWER INDUCTORS <SMD Type>

CDEP Series

OUTLINE / 概要

By using the square wire, power inductors can be used for large currents with low profile and low resistance.

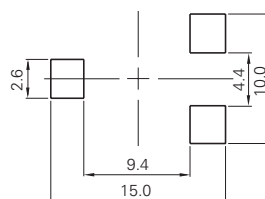
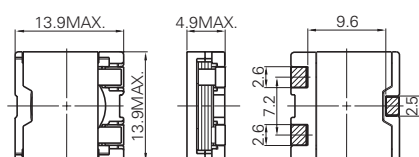
平角線を使用する事により、薄形・低抵抗で大電流対応を実現しました。

SHIELDED TYPE / 閉磁路タイプ

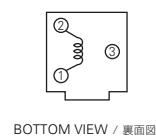
CDEP134



(0.3μH - 8.0μH)



CONNECTION
端子接続



BOTTOM VIEW / 裏面図

CONSTRUCTION
磁気構造図

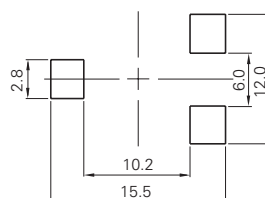
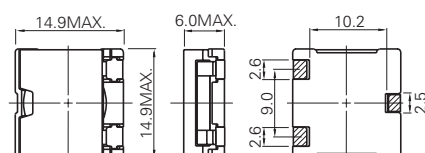


CDEP145

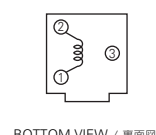
NEW



(0.56μH - 6.1μH)



CONNECTION
端子接続



BOTTOM VIEW / 裏面図

CONSTRUCTION
磁気構造図



Parts No.	L (H)	CDEP134 (Standard Type)				CDEP134 (High Power Type)			
		D.C.R.(Ω) : Max.(Typ.)	Saturation Rated Current (A) *E		Temperature Rise Current (Typ.) (A) *IV	D.C.R.(Ω) : Max.(Typ.)	Saturation Rated Current (A) *E		Temperature Rise Current (Typ.) (A) *IV
			20℃	100℃			20℃	100℃	
0R3	0.3μ					1.9m(1.6m)	35.0	32.0	18.5
0R4	0.4μ	1.9m(1.6m)	32.0	27.0	18.5				
0R6	0.66μ					2.5m(2.1m)	29.6	24.0	17.0
0R9	0.9μ	2.5m(2.1m)	21.6	18.4	17.0				
1R2	1.2μ					3.7m(3.1m)	21.0	17.6	15.0
1R6	1.6μ	3.7m(3.1m)	16.0	13.8	15.0				
1R8	1.8μ					6.6m(5.5m)	17.6	14.4	10.5
2R5	2.5μ	6.6m(5.5m)	12.8	11.0	10.5				
2R7	2.7μ					10.8m(9.0m)	14.7	12.0	8.0
3R6	3.6μ	10.8m(9.0m)	10.9	9.1	8.0	12.0m(10.0m)	12.5	10.2	7.5
4R8	4.8μ	12.0m(10.0m)	9.3	8.0	7.5	16.3m(13.6m)	11.0	9.0	7.0
6R0	6.0μ					18.4m(15.3m)	9.6	8.0	6.5
6R4	6.4μ	16.3m(13.6m)	8.0	6.8	7.0				
8R0	8.0μ	18.4m(15.3m)	7.2	6.1	6.5				

lead-free product: Type name NP $\triangle\triangle\triangle\bigcirc\times$

Parts No.	L (H)	CDEP145 (Standard Type)				CDEP145 (High Power Type)			
		D.C.R.(Ω) : Max.(Typ.)	Saturation Rated Current (A) *B		Temperature Rise Current (Typ.) (A) *IV	D.C.R.(Ω) : Max.(Typ.)	Saturation Rated Current (A) *B		Temperature Rise Current (Typ.) (A) *IV
			20℃	100℃			20℃	100℃	
0R5	0.56μ					1.7m(1.4m)	36.0	31.2	23.0
0R6	0.68μ	1.7m(1.4m)	30.0	25.6	23.0				
1R2	1.2μ					3.0m(2.5m)	25.0	20.8	19.5
1R5	1.5μ	3.0m(2.5m)	19.8	17.0	19.5				
2R2	2.2μ					4.6m(3.8m)	19.2	16.0	15.0
2R7	2.7μ	4.6m(3.8m)	15.2	13.0	15.0				
3R5	3.5μ					7.4m(6.2m)	15.4	13.0	12.0
4R2	4.2μ	7.4m(6.2m)	12.3	10.6	12.0				
5R0	5.0μ					10.8m(9.0m)	13.1	10.8	9.5
6R1	6.1μ	10.8m(9.0m)	10.4	8.8	9.5				

lead-free product: Type name NP $\Delta\Delta\Delta\bigcirc\times$