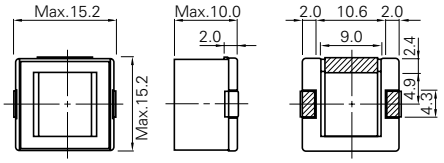
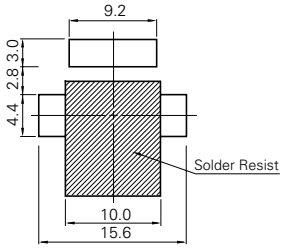
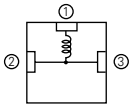
CDEP149

DIMENSIONS (mm)	LAND PATTERNS (mm)	CONNECTION	CONSTRUCTION

(0.45µH - 3.0µH)







BOTTOM VIEW

* In order to prevent short-circuiting, a solder resist is recommended.

TYPE : CDEP149(Standard Type), CDEP149(High Power Type)

Parts No.	L (H)	CDEP149(Standard Type)			CDEP149(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	Temperature Rise Current (A) *B
0R4	0.45µ				1.1m (0.9m)	32.0	35.0
0R7	0.75µ	1.1m (0.9m)	24.0	35.0			
1R0	1.0µ				1.6m (1.3m)	26.0	30.0
1R7	1.7µ	1.6m (1.3m)	16.8	30.0			
1R8	1.8µ				2.3m (1.9m)	20.0	28.0
3R0	3.0µ	2.3m (1.9m)	12.4	28.0			

Measuring Freq. (L)

CDEP149(S) 100kHz
CDEP149(H) 100kHz

Tolerance of Inductance

CDEP149(S) 0.75µH ± 30% (N), 1.7µH – 3.0µH ± 20% (M)
CDEP149(H) 0.45µH ± 30% (N), 1.0µH – 1.8µH ± 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˚C)
*B Temperature Rise Current : The actual current when temperature of coil becomes ΔT=40˚C. (Ta=20˚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

CDEP149 - △△△○× - □

△ : Parts No.
○ : Tolerance of inductance — M (20%), N (30%)
× : Packing — C (Carrier tape), B (Box)
□ : Nothing (Standard type), H (High power type)