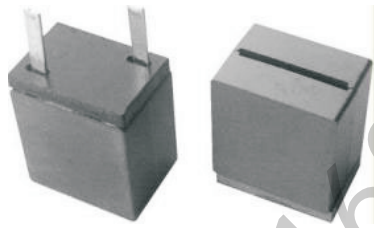


Class D Dual Inductor MDP Series

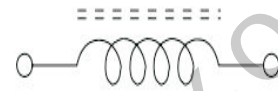
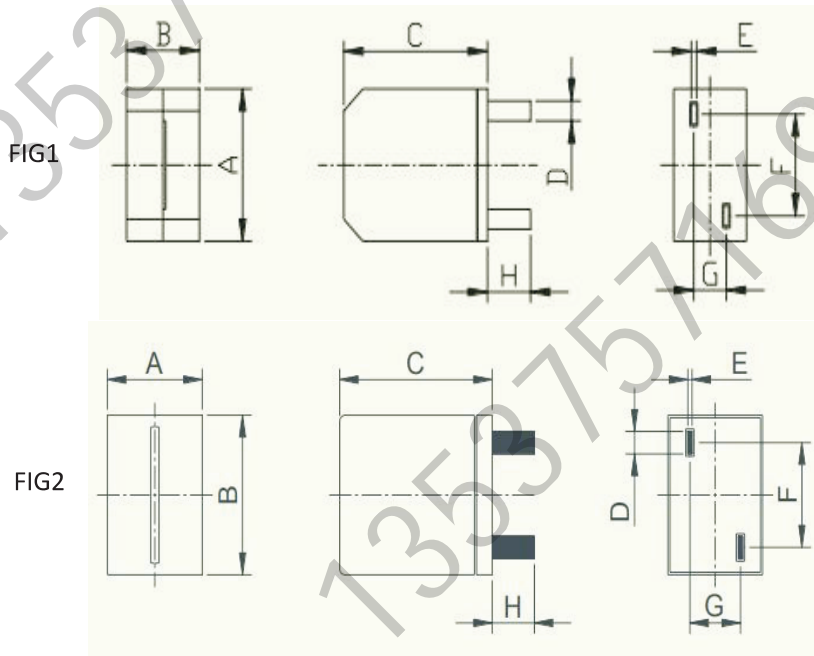
Product Identification:



MDP - 1315 - L - 100 M
 (1) (2) (3) (4) (5)

- (1) Series
- (2) Dimensions(L*H*W)
- (3) Type
- (4) Inductance (1R0=1.0uH, 100=10uH, 101=100uH)
- (5) Tolerance(K(±10%), L(±15%), M(±20%),P(±25%))

DIMENSIONS DRAWING:



Shape and Dimensions									
TYPE	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	FIG
MDP-1315L	13.0±0.5	6.4±0.5	15.0Max	*	*	8.4±0.5	3.3±0.5	5.0±1.0	1
MDP-1315B	13.0±0.5	8.4±0.5	15.0Max	*	*	8.4±0.5	3.3±0.5	5.0±1.0	1
MDP-1315E	12.8±0.5	9.0±0.5	15.0Max	18.0±0.1	0.4±0.1	8.4±0.5	4.8±0.5	5.0±1.0	2

Class D Dual Inductor DP-1315* Series

ELECTRICAL CHARACTERISTIC:

PART NO	Inductance @10KHz/1V		DCR (mΩ)		IDC 1 (A) Max	IDC 2 (A) Max	Dimension	
	L (uH)	Tol.(%)	Typ	Max			D±0.1 (mm)	E±0.1 (mm)
MDP-1315L-100M	10	±20	--	11.0	9.0	6.0	1.8	0.33
MDP-1315B-100M	10	±20	--	5.6	7.0	8.5	1.8	0.5
MDP-1315B-120M	12	±20	--	6.5	6.6	8.0	1.8	0.5
MDP-1315B-150M	15	±20	--	7.2	5.5	7.5	1.8	0.5
MDP-1315B-220M	22	±20	--	9.0	5.2	7.0	1.8	0.4
MDP-1315B-270M	27	±20	--	15.0	4.0	6.0	1.8	0.33
MDP-1315B-330M	33	±20	--	16.0	3.8	5.5	1.8	0.33
MDP-1315E-100M	10	±20	7.5	10	11	7.5	--	--
MDP-1315E-150M	15	±20	8.1	12.0	9.5	7.0	--	--
MDP-1315E-220M	22	±20	8.1	12.0	5.2	7.0	--	--
MDP-1315E-330M	33	±20	8.1	12.0	3.5	7.0	--	--

(1).IDC1:Base on temp.rise & $\Delta L/L0A \leq 35\%$ Max

(2).IDC2:Temp.rise 40°C Typ

(3).Operating Temperature: -40°C up to +125°C

※:Rated DC Current : The less value which is IDC1 or IDC2