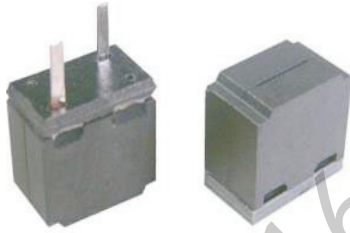


Class D Dual Inductor MDP Series

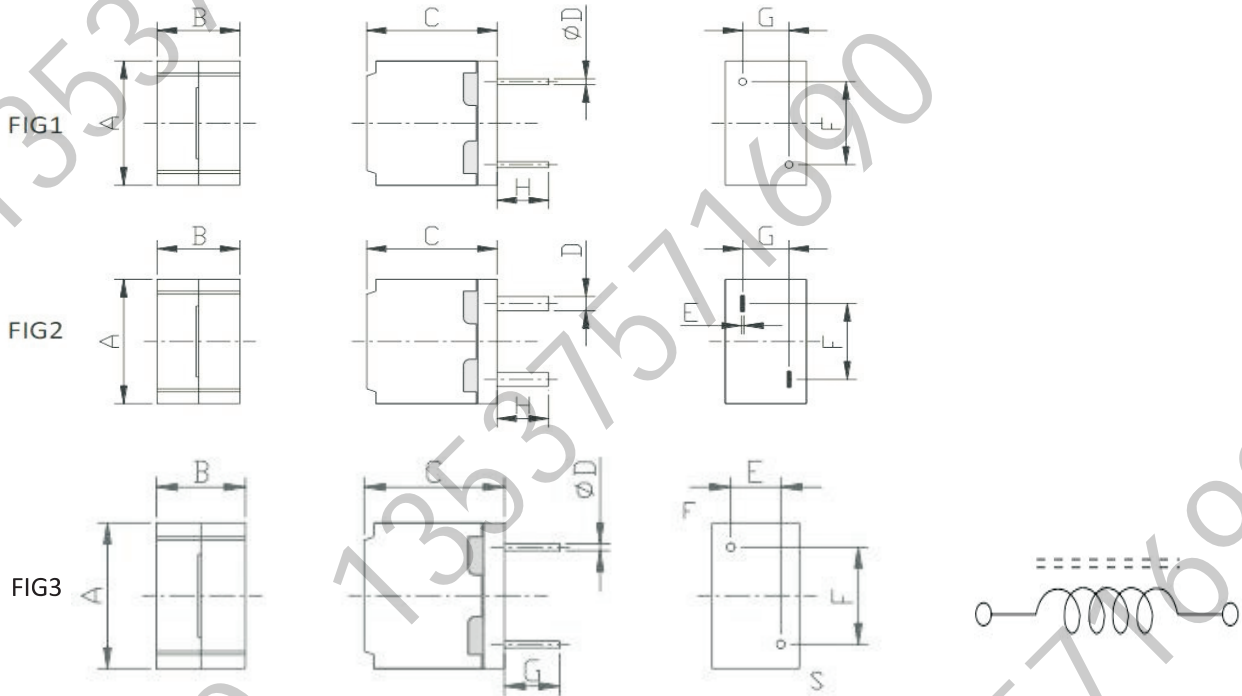
Product Identification:

MDP - 1010 - A - 3R3 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-1010A	10.5±0.5	6.4±0.5	10.5Max	*	--	7.0±0.5	4.0±0.5	4.0±0.5	1
MDP-1010B	10.5±0.5	6.4±0.5	10.5Max	*	*	6.4±0.5	3.6±0.5	4.0±0.5	2
MDP-1010AG	10.5±0.5	6.4±0.5	10.5Max	0.6±0.1	4.0±0.5	7.0±0.5	4.0Typ	--	3

Class D Dual Inductor MDP-1010* 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-1010A-100M	10	±20	12.5	18.0	7.5	5.0	0.6	--
MDP-1010A-120M	12	±20	19.6	25.0	6.0	4.8	0.5	--
MDP-1010A-150M	15	±20	25.2	30.0	5.3	4.5	0.45	--
MDP-1010A-180M	18	±20	28.3	35.0	4.8	4.5	0.45	--
MDP-1010A-220M	22	±20	37.2	45.0	4.3	4.0	0.4	--
MDP-1010B-100M	10	±20	--	18	7.5	5.5	1.2	0.2
MDP-1010B-120M	12	±20	--	20	6	5	1.2	0.2
MDP-1010B-150M	15	±20	--	23	5.3	4.8	1.2	0.2
MDP-1010AG-100M	10	±20	17.5	20.5	7.5	4.5	--	--
MDP-1010AG-120M	12	±20	17.5	20.5	6.5	4.5	--	--
MDP-1010AG-150M	15	±20	17.5	20.5	5	4.5	--	--
MDP-1010AG-220M	22	±20	17.5	20.5	3.5	4.5	--	--
MDP-1010AG-330M	33	±20	17.5	20.5	2	4.5	--	--

(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