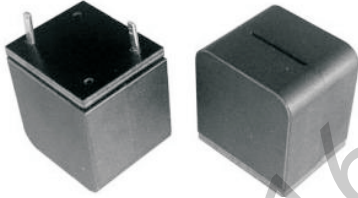


Class D Dual Inductor MDP Series

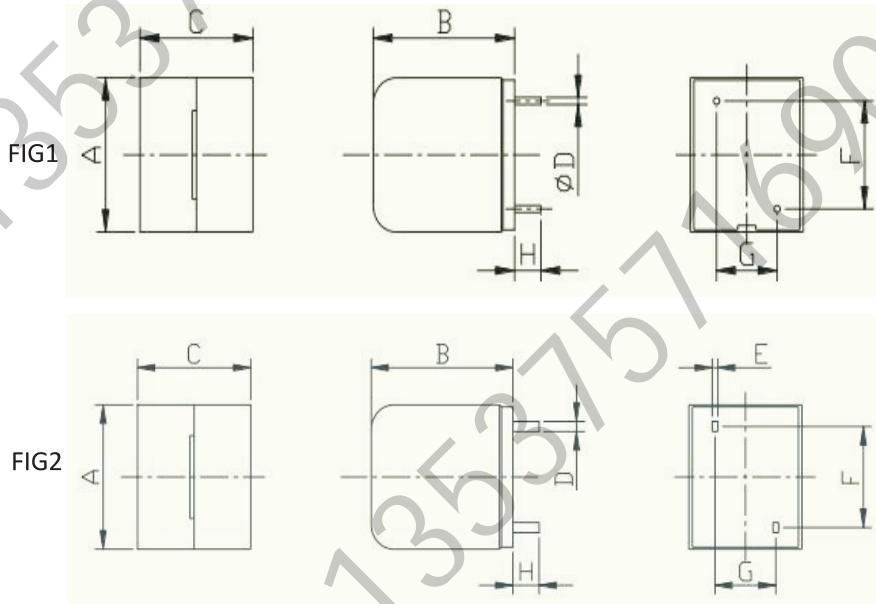
Product Identification:

MDP - 1719 - A - 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-1719A-100	17.5±0.5	19.3Max	15.0±0.5	1.0±0.1	--	12.5±0.5	8.5±0.5	5.0±1.0	1
MDP-1719A-150	17.5±0.5	19.3Max	15.0±0.5	1.0±0.1	--	12.5±0.5	8.5±0.5	5.0±1.0	
MDP-1719A-220	17.5±0.5	19.3Max	15.0±0.5	0.8±0.1	--	12.5±0.5	8.5±0.5	5.0±1.0	
MDP-1719A-330	17.5±0.5	19.3Max	15.0±0.5	0.7±0.1	--	12.5±0.5	8.5±0.5	5.0±1.0	
MDP-1719A-470	17.5±0.5	19.3Max	15.0±0.5	0.6±0.1	--	12.5±0.5	8.5±0.5	5.0±1.0	
MDP-1719B	17.5±0.5	19.3Max	15.0±0.5	1.2±0.1	0.7±0.1	12.5±0.5	8.5±0.5	5.0±1.0	2

Class D Dual Inductor MDP-1719* 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-1719A-100M	10	±20	--	7.0	22.0	10.0	--	--
MDP-1719A-150M	15	±20	--	8.0	18.0	9.0	--	--
MDP-1719A-220M	22	±20	--	15.0	14.0	6.5	--	--
MDP-1719A-330M	33	±20	--	22.8	12.0	6.0	--	--
MDP-1719A-470M	47	±20	--	34.0	8.0	5.0	--	--
MDP-1719B-100M	10	±20	--	6.4	22.0	12.0	--	--
MDP-1719B-150M	15	±20	--	7.2	18.0	10.0	--	--
MDP-1719B-220M	22	±20	--	8.7	14.0	9.0	--	--
MDP-1719B-330M	33	±20	--	10.2	12.0	8.0	--	--

(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