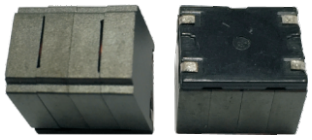
FEATURES



- Compact size using flat wire, SMD type.
- Low radiation noise by magnetically shielded construction.
- Super high current Low resistance.
- The optimal design realizes high quality sound and low distortion.
- Space reduction is realized by 2 in 1construction

APPLICATIONS

- Suitable as choke for digital amp. car audio, LCD and PDP TV, 5.1ch Home theater, etc.

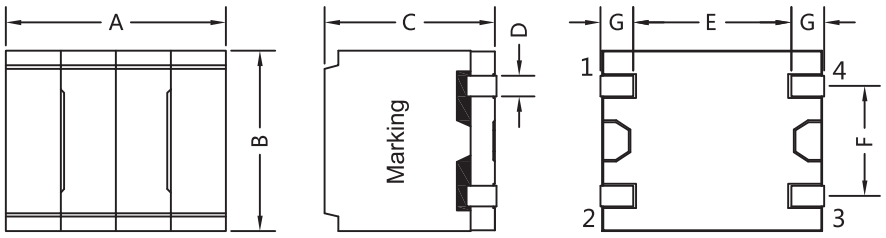
PRODUCT IDENTIFICATION

DAEP 1010M – 100 M - T

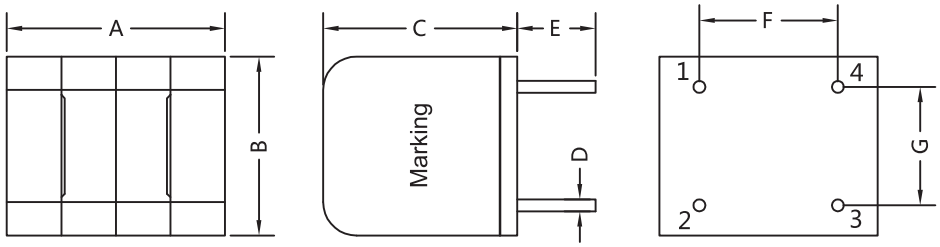
a b c d e

a : Series name
b : Product dimensions
c : Inductance Value (1R0:1.0uH; 100: 10uH; 101:100uH)
d : Inductance Tolerance (K:10% ; M:20% ; N:30%)
e : Packaging style (T: Taping; B: bulk)

SHAPES AND DIMENSIONS Unit: mm



DAEP1010M/DAEP1013M



DAEP1416H

Series	Dimensions(mm)						
	A	B	C	D	E	F	G
DAEP1010M	12.8±0.8	10.5±0.5	10.5 Max	1.2 Ref	9.0 Ref	6.4 Ref	1.9 Ref
DAEP1013M	10.5±0.5	10.5±0.5	13.0 Max	1.2 Ref	7.0 Ref	6.4 Ref	1.9 Ref
DAEP1416H	15.5±0.5	14.5±0.3	16.0 Max	0.8±0.1	5.0±0.5	11.5±0.5	8.5±0.5

ELECTRICAL CHARACTERISTICS

Part Number	L(uH)	Test Freq.(KHz)	DCR max.(Ω)	Isat.(A)	Irms.(A)
DAEP1010MC-100MT	10	1.0	25	8.5	3.7
DAEP1010M-100MT	10	1.0	18	7.1	4.2
DAEP1010M-120MT	12	1.0	20	6.0	4.0
DAEP1010M-150MT	15	1.0	23	5.3	3.8
DAEP1010M-220MT	22	1.0	38	4.3	3.5

Part Number	L(uH)	Test Freq.(KHz)	DCR max.(Ω)	Isat.(A)	Irms.(A)
DAEP1013M-6R8MB	6.8	1.0	15.2	11.0	6.5
DAEP1013M-8R2MB	8.2	1.0	16.5	10.0	5.8
DAEP1013M-100MB	10	1.0	23.4	8.6	5.0
DAEP1013M-120MB	12	1.0	25.0	7.3	5.0
DAEP1013M-150MB	15	1.0	25.0	5.7	5.0
DAEP1013M-180MB	18	1.0	25.0	4.6	5.0
DAEP1013M-220MB	22	1.0	25.0	3.5	5.0

Part Number	L(uH)	Test Freq.(KHz)	DCR max.(Ω)	Isat.(A)	Irms.(A)
DAEP1416H-6R0MB	6.0	1.0	8.2	17.0	11.0
DAEP1416H-7R5MB	7.5	1.0	9.3	16.0	9.0
DAEP1416H-100MB	10	1.0	13.5	13.0	8.0
DAEP1416H-150MB	15	1.0	17.5	11.0	6.8
DAEP1416H-180MB	18	1.0	17.5	9.7	6.8
DAEP1416H-220MB	22	1.0	17.5	8.3	6.8

Note:
Isat: DC current at which the inductance drops 30% from its value without current.
Irms: DC current that causes the temperature rise (△T =40°C) from 20°C ambient