

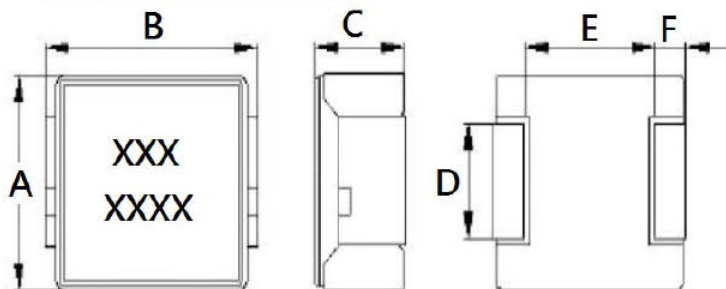
●FEATURE

1. Shielded construction
2. Frequency range up to 5MHz, Low DCR(μ H)
3. Low Buzz Noise

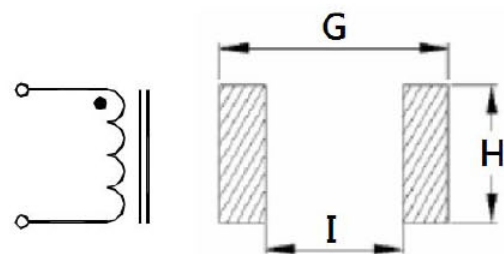
●Applications

1. Notebook, server application, High current power supplier

●Shape and Dimension



●Schematics and Land Patterns(mm)



A=6.90mm Max ; B=7.60mm Max ; C=3.50mm Max. ; D=3.20mm Ref. ; E=4.20mm Ref.
 F=1.40mm Ref. ; G=7.40mm Ref. ; H=3.45mm Ref. ; I=3.70mm Ref.

●Specification

ABC Coil P/N	L (μ H)	RDC (m Ω) Typical	RDC (m Ω)Max	Isat (A)	Irms (A)
AE07035-R10M	0.10 \pm 20%	1.5	1.8	60	32.5
AE07035-R15M	0.15 \pm 20%	1.9	2.6	52	26
AE07035-R20M	0.20 \pm 20%	2.4	3.2	41	24
AE07035-R22M	0.22 \pm 20%	2.5	3.9	40	23
AE07035-R33M	0.33 \pm 20%	3.5	4.1	30	20
AE07035-R47M	0.47 \pm 20%	4.0	4.4	26	17.5
AE07035-R68M	0.68 \pm 20%	5.0	5.8	25	15.5
AE07035-R82M	0.82 \pm 20%	6.7	8.4	24	13
AE07035-1R0M	1.0 \pm 20%	9.0	10.5	22	11
AE07035-1R5M	1.5 \pm 20%	14	15.8	18	9
AE07035-2R2M	2.2 \pm 20%	18	21.0	14	8
AE07035-3R3M	3.3 \pm 20%	28	31.5	13.5	6
AE07035-4R7M	4.7 \pm 20%	37	42.0	10	5.5
AE07035-6R8M	6.8 \pm 20%	54	63.0	8	4.5
AE07035-8R2M	8.2 \pm 20%	64	71.4	7.5	4
AE07035-100M	10 \pm 20%	102	110.3	7	3

Note1. Measurement frequency of Inductance value : at 100KHz

Note2. Measurement ambient temperature of L, DCR and IDC : at 25°C

Note3. Operating Temp. : -55°C~+125°C

Note4. Isat: DC current at which the inductance drops 20%(typ) from its value without current

Note5. Irms: Average current for 40°C temperature rise from 25°C ambient(typical)

Note6. Inductance tolerance: M: $\pm 20\%$

Note7. Packaging: Taping ; Quantity: 1000pcs/reel