

APD-T Series

Features

- Low profile and square.
- Magnetically shielded and low DC resistance.
- Suitable for large currents.
- Excellent solderability and high heat resistance.
- Low cost and packed in embossed carrier tape.

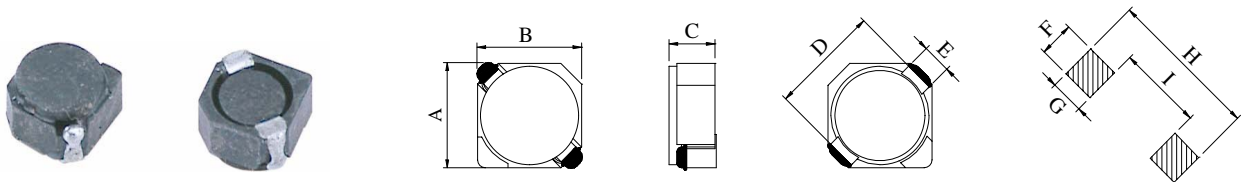
Applications

- Ideal use in notebook, hard disk, DC/DC converters, digital camera, LIC television set, and other electronic equipment.

Test Equipment and Conditions

- Inductance is measured with HP-4284A LCR meter or equivalent.
- Maximum allowable DC current whIC causes 35% inductance reduction of the initial value ,or coil temperature to rise by 40°C,whICever is smaller.(Reference ambient temperature 20°C)
- Operating temperature : -25°C~ +85°C.

External Dimensions (Unit: m/m)



TYPE	A	B	C	D	E	F	G	H	I	Q'TY/Reel
APD03T11	3.2Max	3.2Max	1.3Max	4.2Max	1.0	1.3	1.3	4.3	1.7	3500
APD03T16	3.2Max	3.2Max	1.6Max	4.2Max	1.0	1.3	1.3	4.3	1.7	3500
APD03T18	3.2Max	3.2Max	1.8Max	4.2Max	1.0	1.3	1.3	4.3	1.7	3500
APD03T20	3.2Max	3.2Max	2.0Max	4.2Max	1.0	1.3	1.3	4.3	1.7	3500
APD04T12	4.0Max	4.0Max	1.2Max	5.2Max	1.1	1.5	1.4	5.2	2.4	3500
APD04T15	4.0Max	4.0Max	1.5Max	5.2Max	1.1	1.5	1.4	5.2	2.4	3500
APD04T18	4.0Max	4.0Max	1.8Max	5.2Max	1.1	1.5	1.4	5.2	2.4	3500
APD04T20	4.0Max	4.0Max	2.0Max	5.2Max	1.1	1.5	1.4	5.2	2.4	3500
APD04T30	4.0Max	4.0Max	3.0Max	5.2Max	1.1	1.5	1.4	5.2	2.4	3500

Part Number Code

APD 03 I 11 N 1R5
 A B C D E F

A: Series Name Power Inductor
 B: Dimensions(mm) 03: 3.2x3.2
 C: Materials T=T type
 D: Thickness(mm) 11: 1.3 16: 1.6
 E: Tolerance M: ±20% N: ±30%
 F: Inductance 1R5=1.5uH

APD-T Series

Part Number	Inductance (μH)	Test Frequency (KHz)	DC Resistance (Ω)Max	Rated DC Current (A)Max
APD03T11□-1R5	1.5	100	0.054	1.55
APD03T11□-2R2	2.2	100	0.072	1.20
APD03T11□-3R3	3.3	100	0.105	1.03
APD03T11□-4R7	4.7	100	0.132	0.95
APD03T11□-100	10	100	0.148	0.75
APD03T11□-220	22	100	0.195	0.73
APD03T16□-1R2	1.2	100	0.057	2.00
APD03T16□-1R5	1.5	100	0.073	1.80
APD03T16□-1R8	1.8	100	0.075	1.65
APD03T16□-2R2	2.2	100	0.094	1.55
APD03T16□-2R7	2.7	100	0.117	1.35
APD03T16□-3R0	3.0	100	0.126	1.30
APD03T16□-3R9	3.9	100	0.163	1.10
APD03T16□-4R7	4.7	100	0.222	1.00
APD03T16□-5R6	5.6	100	0.240	0.95
APD03T16□-6R8	6.8	100	0.330	0.85
APD03T16□-8R2	8.2	100	0.350	0.80
APD03T16□-100	10.0	100	0.400	0.62
APD03T16□-120	12.0	100	0.394	0.62
APD03T18□-2R2	2.2	100	0.047	0.86
APD03T18□-2R7	2.7	100	0.061	0.82
APD03T18□-3R3	3.3	100	0.067	0.72
APD03T18□-3R9	3.9	100	0.075	0.70
APD03T18□-4R7	4.7	100	0.101	0.62
APD03T18□-5R6	5.6	100	0.123	0.57
APD03T18□-6R8	6.8	100	0.158	0.50
APD03T18□-8R2	8.2	100	0.171	0.45
APD03T18□-100	10.0	100	0.195	0.42
APD03T18□-120	12.0	100	0.223	0.39
APD03T18□-150	15.0	100	0.248	0.35
APD03T18□-180	18.0	100	0.316	0.32
APD03T18□-220	22.0	100	0.416	0.28
APD03T18□-270	27.0	100	0.466	0.26
APD03T20□-2R2	2.2	100	0.041	0.85
APD03T20□-3R3	3.3	100	0.054	0.75
APD03T20□-4R7	4.7	100	0.078	0.63
APD03T20□-6R8	6.8	100	0.106	0.52
APD03T20□-100	10.0	100	0.180	0.43
APD03T20□-150	15.0	100	0.220	0.35
APD03T20□-220	22.0	100	0.320	0.30
APD03T20□-330	33.0	100	0.460	0.24
APD03T20□-470	47.0	100	0.660	0.20

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APD04T12□-2R7	2.7	100	0.078	0.53
APD04T12□-4R7	4.7	100	0.123	0.40
APD04T12□-6R8	6.8	100	0.180	0.34
APD04T12□-8R2	8.2	100	0.204	0.32
APD04T12□-100	10.0	100	0.240	0.28
APD04T12□-120	12.0	100	0.276	0.25
APD04T12□-150	15.0	100	0.372	0.23
APD04T12□-180	18.0	100	0.468	0.21
APD04T12□-220	22.0	100	0.540	0.19
APD04T12□-270	27.0	100	0.726	0.17
APD04T12□-330	33.0	100	0.822	0.15
APD04T12□-390	39.0	100	0.942	0.14
APD04T15□-1R2	1.2	100	0.045	2.15
APD04T15□-1R7	1.7	100	0.063	1.85
APD04T15□-2R2	2.2	100	0.069	1.60
APD04T15□-2R7	2.7	100	0.088	1.45
APD04T15□-3R3	3.3	100	0.010	1.35
APD04T15□-3R9	3.9	100	0.135	1.15
APD04T15□-4R7	4.7	100	0.150	1.10
APD04T15□-8R2	8.2	100	0.238	0.82
APD04T15□-100	10.0	100	0.262	0.75
APD04T15□-120	12.0	100	0.350	0.67
APD04T15□-150	15.0	100	0.488	0.60
APD04T15□-220	22.0	100	0.575	0.52
APD04T18□-1R0	1.0	100	0.048	1.80
APD04T18□-1R5	1.5	100	0.054	1.55
APD04T18□-2R2	2.2	100	0.072	1.20
APD04T18□-3R3	3.3	100	0.105	1.03
APD04T18□-3R9	3.9	100	0.118	1.02
APD04T18□-4R7	4.7	100	0.132	0.95
APD04T18□-5R6	5.6	100	0.148	0.75
APD04T18□-6R8	6.8	100	0.195	0.73
APD04T18□-8R2	8.2	100	0.250	0.65
APD04T18□-100	10	100	0.275	0.58
APD04T18□-120	12	100	0.312	0.50
APD04T18□-150	15	100	0.412	0.46
APD04T18□-180	18	100	0.462	0.43
APD04T18□-220	22	100	0.600	0.40
APD04T18□-270	27	100	0.712	0.35
APD04T18□-330	33	100	0.925	0.32
APD04T18□-390	39	100	1.062	0.28
APD04T18□-470	47	100	1.175	0.26

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APD04T20□-3R0	3.0	100	0.069	1.60
APD04T20□-4R7	4.7	100	0.107	1.35
APD04T20□-6R8	6.8	100	0.150	1.10
APD04T20□-100	10.0	100	0.205	0.90
APD04T20□-150	15.0	100	0.301	0.75
APD04T20□-220	22.0	100	0.424	0.60
APD04T20□-270	27.0	100	0.640	0.50
APD04T20□-390	39.0	100	0.964	0.40
APD04T30□-3R3	3.3	100	0.072	2.00
APD04T30□-4R7	4.7	100	0.088	1.65
APD04T30□-6R8	6.8	100	0.119	1.24
APD04T30□-100	10.0	100	0.145	1.05
APD04T30□-150	15.0	100	0.213	0.90
APD04T30□-220	22.0	100	0.335	0.76
APD04T30□-330	33.0	100	0.481	0.58
APD04T30□-390	39.0	100	0.599	0.48