

### APD-8 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.

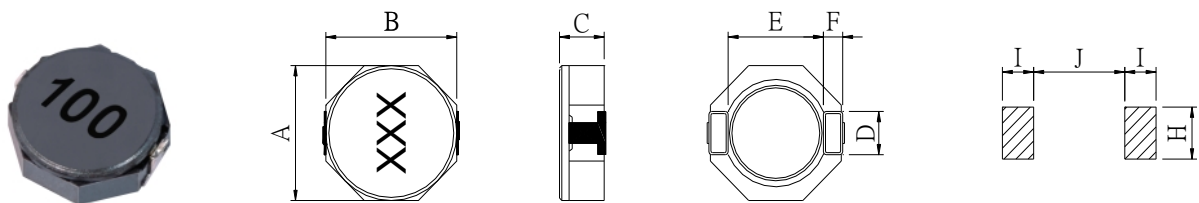
#### Applications

- 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	H	I	J	Q'TY/Reel
APD08830	8.3Max	8.3Max	3.0Max	2.5±0.3	6.3	1.2	2.8	2.0	6.1	1000
APD08840	8.3Max	8.3Max	4.0Max	2.5±0.3	6.3	1.2	2.8	2.0	6.1	1000
APD08845	8.3Max	8.3Max	4.5Max	2.5±0.3	6.3	1.2	2.8	2.0	6.1	1000
APD08860	8.3Max	8.3Max	6.0Max	2.5±0.3	6.3	1.2	2.8	2.0	6.1	1000

#### Part Number Code

$\frac{APD}{A}$      $\frac{08}{B}$      $\frac{8}{C}$      $\frac{30}{D}$      $\frac{N}{E}$      $\frac{2R5}{F}$

A: Series Name                      Power Inductor  
 B: Dimensions(mm)                08: 8.3x8.3  
 C: Materials                         8= 8 type  
 D: Thickness(mm)                 30: 3.0    40: 4.0  
 E: Tolerance                         M: ±20%    N: ±30%  
 F: Inductance                        2R5=2.5uH

**APD-8 Series**

Part Number	Inductance (μH)	Test Frequency (KHz)	DC Resistance (mΩ)Max.	Rated DC Current (A)Max.
APD08830□-2R5	2.5	100	0.018	5.40
APD08830□-3R3	3.3	100	0.024	4.80
APD08830□-4R7	4.7	100	0.036	4.00
APD08830□-6R8	6.8	100	0.048	3.20
APD08830□-100	10	100	0.062	2.70
APD08830□-150	15	100	0.093	2.20
APD08830□-220	22	100	0.015	1.80
APD08830□-330	33	100	0.020	1.40
APD08830□-470	47	100	0.026	1.25
APD08830□-680	68	100	0.036	0.96
APD08830□-101	100	100	0.061	0.78
APD08840□-1R0	1.0	100	0.015	6.60
APD08840□-2R2	2.2	100	0.018	5.50
APD08840□-3R3	3.3	100	0.024	4.40
APD08840□-4R7	4.7	100	0.029	3.90
APD08840□-100	10	100	0.048	2.60
APD08840□-150	15	100	0.067	2.20
APD08840□-220	22	100	0.105	1.80
APD08840□-330	33	100	0.157	1.48
APD08840□-470	47	100	0.189	1.10
APD08840□-680	68	100	0.290	1.00
APD08840□-101	100	100	0.410	0.80
APD08845□-2R0	2.0	100	0.014	6.40
APD08845□-3R9	3.9	100	0.019	5.00
APD08845□-4R7	4.7	100	0.022	4.60
APD08845□-6R8	6.8	100	0.032	4.20
APD08845□-100	10	100	0.040	3.60
APD08845□-150	15	100	0.058	2.60
APD08845□-220	22	100	0.096	2.10
APD08845□-330	33	100	0.144	1.60
APD08845□-470	47	100	0.195	1.40
APD08845□-680	68	100	0.240	1.20
APD08845□-101	100	100	0.360	0.90
APD08860□-3R9	3.9	100	0.016	4.10
APD08860□-5R0	5.0	100	0.017	3.80
APD08860□-6R2	6.2	100	0.020	3.20
APD08860□-100	10	100	0.026	2.60
APD08860□-150	15	100	0.037	2.30
APD08860□-220	22	100	0.046	1.70
APD08860□-330	33	100	0.065	1.50
APD08860□-470	47	100	0.091	1.20
APD08860□-680	68	100	0.130	1.00
APD08860□-101	100	100	0.180	0.80

单击下面可查看定价，库存，交付和生命周期等信息

[>>Coilank\(驰兴\)](#)