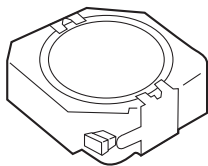


# SMD Power Inductors

## AX104R Series SMD Power Shield Inductors



### :: Description

Slim type  
 Self shielded  
 Height: 4.0mm maximum  
 Low resistance  
 Excellent DC current characteristics

### :: Applications

Laptop and notebook computers and PDAs  
 DC/DC converters  
 Portable communication equipment  
 Inductor for general purpose use

### :: AX104R Series SMD Power Shielded Inductors

Model	Inductance <sup>(1)</sup> µH	Rated DC <sup>(2)</sup> Current Amps	DC resistance <sup>(3)</sup> Ω Max
AX104R-1R5	1.5	6.5	8.1m
AX104R-2R5	2.5	6.1	10m
AX104R-4R7	4.7	6.0	13m
AX104R-6R8	6.8	4.8	19.5m
AX104R-8R2	8.2	4.6	25m
AX104R-100	10.0	4.4	35m
AX104R-150	15.0	3.6	50m
AX104R-220	22.0	2.9	73m

Model	Inductance <sup>(1)</sup> µH	Rated DC <sup>(2)</sup> Current Amps	DC resistance <sup>(3)</sup> Ω Max
AX104R-330	33.0	2.30	93m
AX104R-470	47.0	2.10	128m
AX104R-680	68.0	1.50	213m
AX104R-101	100.0	1.35	304m
AX104R-151	150.0	1.15	506m
AX104R-221	220.0	0.92	756m
AX104R-331	330.0	0.70	1.09

Notes: 1. Inductance measured at 100 kHz 1.0 V without DC current. Tolerance: ±30% (N).

2. Rated current is the approximate current at which inductance will be decreased by 35% from its initial (zero DC) value.

3. DC Resistance measured at 20°C.

### :: Outline Dimensions

**Technical Notes**  
[mm]

Top View

Side View

Bottom View

Land Patterns