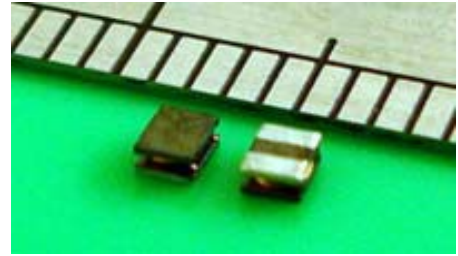

PIN201610 Series

Low Profile SMD Inductors for Power Line

FEATURES

- The PIN201610 series are characterized by low profile, low RDC, and high current handling capacities.
- Miniature size for tiny portable DC toDC converter line.
- Flat bottom surface ensures secure, reliable mounting.
- Provided in embossed carrier tape packaging for use with automatic mounting machines.



APPLICATIONS

Low profile/ large current specifically suitable for Portable telephones, hard disk drives, PDA, DSC and other electronic equipments.

PRODUCT IDENTIFICATION

PIN 201610 - 3R3 M - T

(1) (2) (3) (4) (5)

(1) Product name

(2) Shapes and Dimensions(LxWxT)

(3) Inductance

3R3 : 3.3uH ; 100 : 10uH

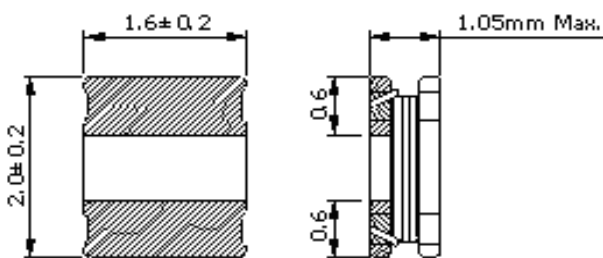
(4) Tolerance

M : $\pm 20\%$, N: $\pm 30\%$

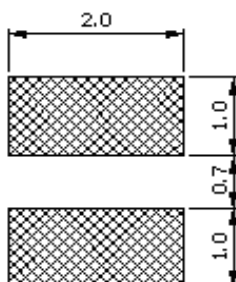
(5) Packaging style

T : taping ; None : Bulk

SHAPES AND DIMENSIONS(mm)



RECOMMENDED FOOTPRINT(mm)



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Low Profile SMD Inductors for Power Line

ELECTRICAL CHARACTERISTICS

Part Number	Inductance (μ H)	Tolerance (\pm %)	Rdc Typ. (Ω)	Idc Typ.(mA)	Irms Typ. (mA)
				L \downarrow 10%	T \uparrow 40°C
PIN201610-1R0□-T	1 / 1MHz	20,30	0.137	1700	1420
PIN201610-1R5□-T	1.5 / 1MHz	20,30	0.192	1300	1340
PIN201610-2R2□-T	2.2 / 1MHz	20,30	0.26	1100	1040
PIN201610-3R3□-T	3.3 / 1MHz	20,30	0.333	980	900
PIN201610-4R7□-T	4.7 / 1MHz	20,30	0.452	820	720
PIN201610-5R6□-T	5.6 / 1MHz	20,30	0.567	740	680
PIN201610-6R8□-T	6.8 / 1MHz	20,30	0.648	670	620
PIN201610-100□-T	10 / 1MHz	20,30	0.935	580	580
PIN201610-220□-T	22 / 1MHz	20,30	2.060	380	400

1. When ordering, please specify tolerance and packaging codes. Ex: PIN201610-3R3M-T

Tolerance : M = \pm 20% , N = \pm 30%

Packaging : Clear tape and reel { standard } . *

2. L , Idc : Agilent/HP 4284A, 1MHz with 200mV

3. Rdc : DIGITAL MILLIOHM METER Chroma 16502, or equivalent.

4. Idc for Inductance drop 10%.

5. Irms for a 40°C rise above 25°C ambient.

6. Operating temperature range from -25°C to 85°C .

* Parts/Reel: 7" 2,000 Tape Width: 8mm

* All specification are subject to change without notice. Please contact our sales representatives for details.

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ELECTRICAL CHARACTERISTICS

