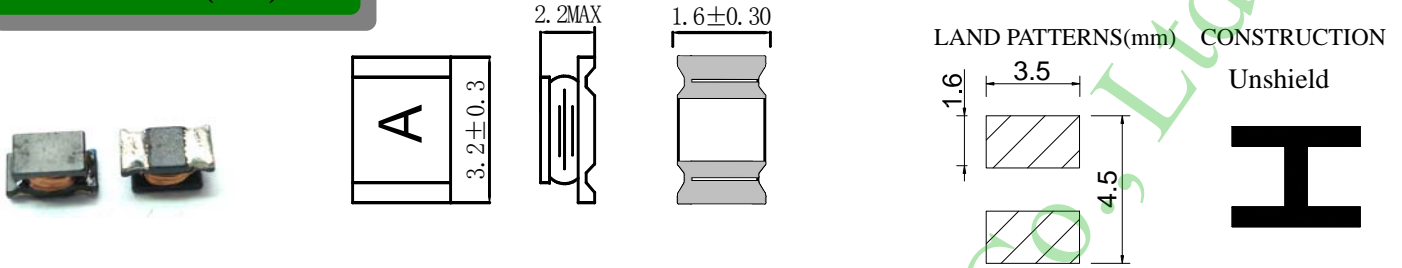


Inductance Range: 0.10μH~68μH
Temperature Range: -40℃~+125℃

PDS3216-Series

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 3000pcs
- ★Small products, Quadrate 3.5mm*1.9mm, Height 2.2mm Max.
- ★The use of carrier tape package for SMT reflow soldering process
- ★Widely use in DC-DC converter/LCD TV/Notebook/
PDA/MP3 & MP4 player/Digital camera/DVD etc.
- ★Design to customer requirement

RoHS Compliant(SGS Certified Result)				
Pb	Cd	Cr+6	PBBs	PBDEs
<1000ppm	ND	ND	ND	ND

Electrical Characteristics:

Part Number	Test Condition	Inductance (μH)	Tolerance (%)	Q(Ref) Test@ KHz Freq	D.C.R(Ω) Max.	Rated Current(mA)
PDS3216-R10M	1MHz/0.3V	0.10	±20	10 @ 2520	0.110	185
PDS3216-R12M	1MHz/0.3V	0.12	±20	10 @ 2520	0.130	184
PDS3216-R22M	1MHz/0.3V	0.22	±20	10 @ 2520	0.140	183
PDS3216-R29M	1MHz/0.3V	0.29	±20	10 @ 2520	0.150	182
PDS3216-R47M	1MHz/0.3V	0.47	±20	10 @ 2520	0.170	178
PDS3216-R50M	1MHz/0.3V	0.50	±20	10 @ 2520	0.180	172
PDS3216-1R0M	1MHz/0.3V	1.0	±20	10 @ 1000	0.490	175
PDS3216-1R2M	1MHz/0.3V	1.2	±20	10 @ 1000	0.500	165
PDS3216-1R5M	1MHz/0.3V	1.5	±20	10 @ 1000	0.520	155
PDS3216-1R8M	1MHz/0.3V	1.8	±20	10 @ 1000	0.530	150
PDS3216-2R2M	1MHz/0.3V	2.2	±20	10 @ 1000	0.540	140
PDS3216-2R7K,M	1MHz/0.3V	2.7	±10,±20	10 @ 1000	0.550	135
PDS3216-3R3K,M	1MHz/0.3V	3.3	±10,±20	10 @ 1000	0.610	130
PDS3216-3R9K,M	1MHz/0.3V	3.9	±10,±20	10 @ 1000	1.500	125
PDS3216-4R7K,M	1MHz/0.3V	4.7	±10,±20	10 @ 1000	1.700	120
PDS3216-5R6K,M	1MHz/0.3V	5.6	±10,±20	10 @ 1000	1.800	115
PDS3216-6R8K,M	1MHz/0.3V	6.8	±10,±20	10 @ 1000	2.000	110
PDS3216-8R2K,M	1MHz/0.3V	8.2	±10,±20	10 @ 1000	2.200	105
PDS3216-100K,M	1MHz/0.3V	10	±10,±20	10 @ 1000	2.500	100
PDS3216-120K,M	1MHz/0.3V	12	±10,±20	10 @ 1000	2.700	95
PDS3216-150K,M	1MHz/0.3V	15	±10,±20	10 @ 1000	2.900	90
PDS3216-180K,M	1MHz/0.3V	18	±10,±20	10 @ 1000	3.000	85
PDS3216-220K,M	1MHz/0.3V	22	±10,±20	10 @ 1000	3.100	85
PDS3216-270K,M	1MHz/0.3V	27	±10,±20	10 @ 1000	3.400	85
PDS3216-330K,M	1MHz/0.3V	33	±10,±20	10 @ 1000	3.800	80
PDS3216-390K,M	1MHz/0.3V	39	±10,±20	10 @ 1000	4.500	85
PDS3216-470K,M	1MHz/0.3V	47	±10,±20	10 @ 1000	6.300	85
PDS3216-560J,K	1MHz/0.3V	56	±5,±10	10 @ 1000	7.100	50
PDS3216-680J,K	1MHz/0.3V	68	±5,±10	10 @ 1000	7.900	50

- 1、 Inductance is measured with a LCR meter:HP4284A & 3532-50 or equivalent.
- 2、 D.C .R is measured with a Digital Multimeter TH2512B or equivalent.
- 3、 Rated Current: The rated current is the current at which the inductance decreases by 25% from the initial value or the temperature rise is ΔT=40℃ ,whichever is smaller(Ta=20℃).