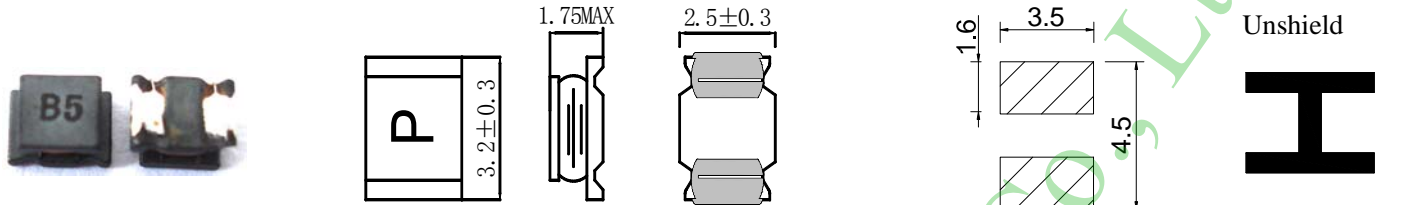


Inductance Range: 1.0μH~270μH
Temperature Range: -40℃~+125℃

PDS2515-Series

DIMENSIONS(mm)



FEATURES:

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

- ★Quantity / Reel: 3500pcs
- ★Small products, Quadrate 3.5mm*2.8mm, Height 1.75mm 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

Electrical Characteristics:

Part Number	Test Condition	Inductance (μH)	Tolerance (%)	D.C.R(Ω) Max.	Rated Current(A)
PDS2515-1R0M	100KHz/0.3V	1.0	±20	0.060	1.48
PDS2515-1R4M	100KHz/0.3V	1.4	±20	0.079	1.38
PDS2515-1R8M	100KHz/0.3V	1.8	±20	0.101	1.31
PDS2515-2R2M	100KHz/0.3V	2.2	±20	0.125	1.25
PDS2515-3R3M	100KHz/0.3V	3.3	±20	0.160	1.08
PDS2515-4R7M	100KHz/0.3V	4.7	±20	0.236	0.98
PDS2515-5R6M	100KHz/0.3V	5.6	±20	0.287	0.90
PDS2515-6R8M	100KHz/0.3V	6.8	±20	0.371	0.79
PDS2515-8R2M	100KHz/0.3V	8.2	±20	0.471	0.72
PDS2515-100K,M	1KHz/0.3V	10	±10,±20	0.576	0.66
PDS2515-120K,M	1KHz/0.3V	12	±10,±20	0.684	0.59
PDS2515-150K,M	1KHz/0.3V	15	±10,±20	0.888	0.54
PDS2515-180K,M	1KHz/0.3V	18	±10,±20	1.087	0.48
PDS2515-220K,M	1KHz/0.3V	22	±10,±20	1.343	0.43
PDS2515-330K,M	1KHz/0.3V	33	±10,±20	2.245	0.35
PDS2515-470K,M	1KHz/0.3V	47	±10,±20	3.064	0.29
PDS2515-560K,M	1KHz/0.3V	56	±10,±20	4.120	0.27
PDS2515-680K,M	1KHz/0.3V	68	±10,±20	5.289	0.24
PDS2515-820K,M	1KHz/0.3V	82	±10,±20	7.223	0.20
PDS2515-101K,M	1KHz/0.3V	100	±10,±20	8.209	0.19
PDS2515-121K,M	1KHz/0.3V	120	±10,±20	10.888	0.17
PDS2515-151K,M	1KHz/0.3V	150	±10,±20	12.568	0.16
PDS2515-181K,M	1KHz/0.3V	180	±10,±20	19.645	0.14
PDS2515-221K,M	1KHz/0.3V	220	±10,±20	22.307	0.13
PDS2515-271K,M	1KHz/0.3V	270	±10,±20	24.613	0.12

- 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 10% from the initial value or the temperature rise is ΔT=40℃ ,whichever is smaller(Ta=20℃).