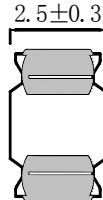
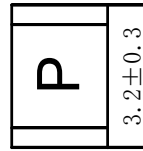


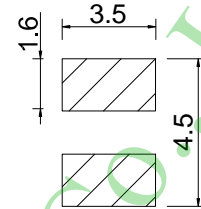
Inductance Range: 0.27μH~330μH
Temperature Range: -40℃~+125℃

PDS2520-Series

DIMENSIONS(mm)



LAND PATTERNS(mm) CONSTRUCTION



Unshield



FEATURES:

- ★ Small products, Quadrate 3.5mm*2.8mm, Height 2.4mm 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)
PDS2520-R27M	1MHz/0.3V	0.27	±20	10 @2520	0.250	600
PDS2520-R39M	1MHz/0.3V	0.39	±20	10 @2520	0.250	530
PDS2520-R56M	1MHz/0.3V	0.56	±20	10 @2520	0.250	530
PDS2520-1R0M	1MHz/0.3V	1.0	±20	10 @1000	0.500	445
PDS2520-1R2M	1MHz/0.3V	1.2	±20	10 @1000	0.600	425
PDS2520-1R5M	1MHz/0.3V	1.5	±20	10 @1000	0.600	400
PDS2520-2R2M	1MHz/0.3V	2.2	±20	10 @1000	0.800	370
PDS2520-2R7K_M	1MHz/0.3V	2.7	±10,±20	10 @1000	0.900	320
PDS2520-3R3K_M	1MHz/0.3V	3.3	±10,±20	10 @1000	1.000	300
PDS2520-3R9K_M	1MHz/0.3V	3.9	±10,±20	10 @1000	1.100	290
PDS2520-4R7K_M	1MHz/0.3V	4.7	±10,±20	20 @1000	1.200	270
PDS2520-5R6K_M	1MHz/0.3V	5.6	±10,±20	20 @1000	1.300	250
PDS2520-6R8K_M	1MHz/0.3V	6.8	±10,±20	20 @1000	1.500	240
PDS2520-8R2K_M	1MHz/0.3V	8.2	±10,±20	20 @1000	1.600	225
PDS2520-100K_M	1MHz/0.3V	10	±10,±20	25 @1000	1.800	190
PDS2520-150K_M	1MHz/0.3V	15	±10,±20	25 @1000	2.200	170
PDS2520-220K_M	1MHz/0.3V	22	±10,±20	25 @1000	2.800	150
PDS2520-270K_M	1MHz/0.3V	27	±10,±20	25 @1000	3.100	125
PDS2520-330K_M	1MHz/0.3V	33	±10,±20	25 @1000	3.500	115
PDS2520-390K_M	1MHz/0.3V	39	±10,±20	25 @1000	3.900	110
PDS2520-470K_M	1MHz/0.3V	47	±10,±20	25 @1000	4.300	100
PDS2520-560K_M	1MHz/0.3V	56	±10,±20	25 @1000	4.900	85
PDS2520-680K_M	1MHz/0.3V	68	±10,±20	25 @1000	5.500	80
PDS2520-820K_M	1MHz/0.3V	82	±10,±20	25 @1000	6.200	80
PDS2520-101K_M	1MHz/0.3V	100	±10,±20	30 @796	7.000	80
PDS2520-151K_M	1MHz/0.3V	150	±10,±20	30 @796	9.300	70
PDS2520-181K_M	1MHz/0.3V	180	±10,±20	30 @796	10.200	65
PDS2520-221K_M	1MHz/0.3V	220	±10,±20	30 @796	11.800	65
PDS2520-271K_M	1MHz/0.3V	270	±10,±20	30 @796	12.500	65
PDS2520-331K_M	1MHz/0.3V	330	±10,±20	30 @796	13.000	65

- 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℃).