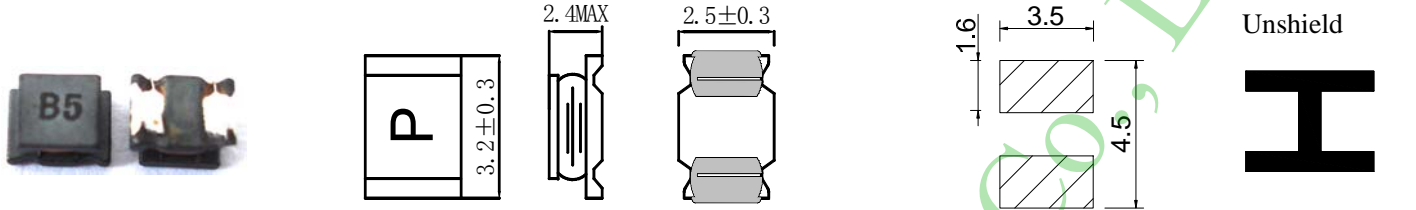


**Inductance Range:** 1.0μH~330μH  
**Temperature Range:** -40℃~+125℃

### PDS2520C-Series

#### DIMENSIONS(mm)



#### FEATURES:

- ★Quantity / Reel: 2500pcs
- ★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 (%)	D.C.R(Ω) Max.	Rated Current(mA)
PDS2520C-1R0M	1MHz/0.3V	1.0	±20	0.078	1000
PDS2520C-2R2M	1MHz/0.3V	2.2	±20	0.126	790
PDS2520C-4R7M	1MHz/0.3V	4.7	±20	0.195	650
PDS2520C-100K	1MHz/0.3V	10	±10	0.390	450
PDS2520C-1R0M	1MHz/0.3V	1.0	±20	0.117	800
PDS2520C-1R8M	1MHz/0.3V	1.8	±20	0.140	780
PDS2520C-2R2M	1MHz/0.3V	2.2	±20	0.169	600
PDS2520C-3R3M	1MHz/0.3V	3.3	±20	0.180	500
PDS2520C-4R7M	1MHz/0.3V	4.7	±20	0.260	450
PDS2520C-100K,M	1MHz/0.3V	10	±10,±20	0.572	300
PDS2520C-220K,M	1MHz/0.3V	22	±10,±20	0.923	250
PDS2520C-470K,M	1MHz/0.3V	47	±10,±20	1.690	170
PDS2520C-101K,M	1MHz/0.3V	100	±10,±20	4.550	100
PDS2520C-221K,M	1MHz/0.3V	220	±10,±20	10.920	70
PDS2520C-331K,M	1MHz/0.3V	330	±10,±20	13.000	60

- 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℃).