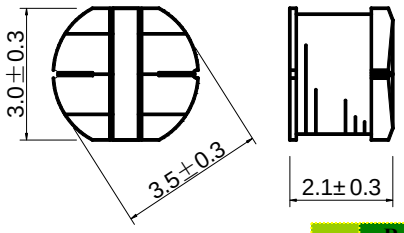
Power Inductor for Surface Mounting

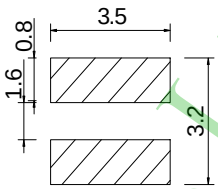
Inductance Range：1.0μH~330μH
Temperature Range：－40℃～＋125℃

PD32-Series

DIMENSIONS(mm)



LAND PATTERNS(mm)



CONSTRUCTION

Unshield

FEATURES:

★Quantity / Reel: 2500pcs
★Small products, Round 3.5mm, Height 2.1mm Type.
★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 CertifiPD 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(A)
PD32-1R0M	100KHz/0.3V	1.0	±20	35m	3.34
PD32-1R5M	100KHz/0.3V	1.5	±20	45m	3.01
PD32-1R8M	100KHz/0.3V	1.8	±20	54m	2.68
PD32-2R2M	100KHz/0.3V	2.2	±20	59m	2.35
PD32-2R7M	100KHz/0.3V	2.7	±20	77m	2.01
PD32-3R3M	100KHz/0.3V	3.3	±20	98m	1.83
PD32-3R9M	100KHz/0.3V	3.9	±20	117m	1.64
PD32-4R7M	100KHz/0.3V	4.7	±20	137m	1.50
PD32-5R6M	100KHz/0.3V	5.6	±20	157m	1.36
PD32-6R8M	100KHz/0.3V	6.8	±20	196m	1.22
PD32-8R2M	100KHz/0.3V	8.2	±20	230m	1.09
PD32-100K,M	1KHz/0.3V	10	±10，±20	286m	0.95
PD32-120K,M	1KHz/0.3V	12	±10，±20	322m	0.88
PD32-150K,M	1KHz/0.3V	15	±10，±20	398m	0.82
PD32-180K,M	1KHz/0.3V	18	±10，±20	520m	0.76
PD32-220K,M	1KHz/0.3V	22	±10，±20	660m	0.63
PD32-270K,M	1KHz/0.3V	27	±10，±20	760m	0.62
PD32-330K,M	1KHz/0.3V	33	±10，±20	870m	0.56
PD32-390K,M	1KHz/0.3V	39	±10，±20	1.10	0.51
PD32-470K,M	1KHz/0.3V	47	±10，±20	1.25	0.47
PD32-560K,M	1KHz/0.3V	56	±10，±20	1.59	0.42
PD32-680K,M	1KHz/0.3V	68	±10，±20	1.82	0.38
PD32-820K,M	1KHz/0.3V	82	±10，±20	2.44	0.34
PD32-101K,M	1KHz/0.3V	100	±10，±20	2.84	0.31
PD32-121K,M	1KHz/0.3V	120	±10，±20	3.19	0.28
PD32-151K,M	1KHz/0.3V	150	±10，±20	4.20	0.16
PD32-181K,M	1KHz/0.3V	180	±10，±20	5.11	0.15
PD32-221K,M	1KHz/0.3V	220	±10，±20	7.31	0.14
PD32-271K,M	1KHz/0.3V	270	±10，±20	8.24	0.12
PD32-331K,M	1KHz/0.3V	330	±10，±20	10.19	0.10

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 △T＝40℃ ,whichever is smaller(Ta＝20℃).

P&Z Electronic (Dongguan) Co., Ltd E-mail:sale@dgpinzhan.com Web site:http://www.dgpinzhan.com Skype:justin029