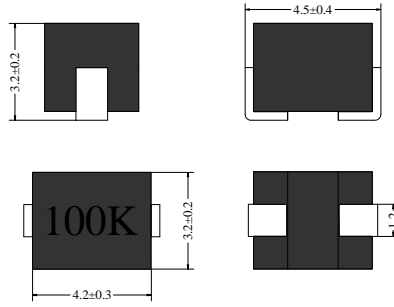


Inductance Range: 0.1μH~22μH

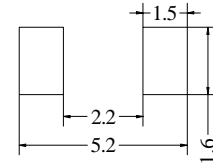
Temperature Range: -40°C~+125°C

PEM453232A Series

DIMENSIONS(mm):



LAND PATTERNS(mm) CONSTRUCTION



Shield



FEATURES:

- Quantity / Reel:500pcs
- Small products, Round 4.5mm, Height 3.4mm Typ.
- High resistance to heat and humidity. Accurate dimensions for automatically surface mounted. Good heat durability that withstands lead-free compatible reflow soldering conditions
- Audio-visual equipment including TVs,VCRs and digital cameras.Electronic equipment used in onboard automobile equipment including car audio and ECU systems.Electronic equipment used in communication infrastructures including xDSL and mobile base stations.
- Design to customer requirement

RoHS Compliant(SGS Certified Result)

<1000ppm

ND

ND

ND

PBDEs

ND



Electrical Characteristics:

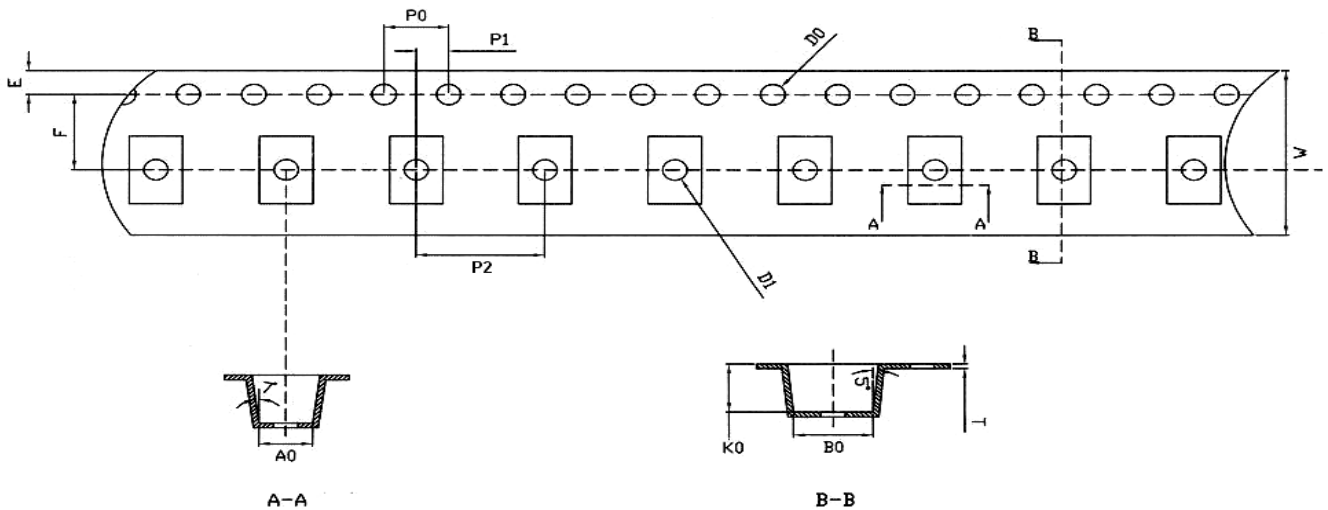
Part No.	Inductance (μH)	Inductance tolerance	Q min.	Test frequency L,Q (MHz)	Self-resonant frequency (MHz)min.	DC resistance (Ω) max.	Rated current. (mA)max.
PEM453232A-R10X	0.1	±20,±10%	28	100	700	0.44	450
PEM453232A-R12X	0.12	±20,±10%	30	25.2	500	0.22	450
PEM453232A-R15X	0.15	±20,±10%	30	25.2	450	0.25	450
PEM453232A-R18X	0.18	±20,±10%	30	25.2	400	0.28	450
PEM453232A-R22X	0.22	±20,±10%	30	25.2	350	0.32	450
PEM453232A-R27X	0.27	±20,±10%	30	25.2	320	0.36	450
PEM453232A-R33X	0.33	±20,±10%	30	25.2	300	0.4	450
PEM453232A-R39X	0.39	±20,±10%	30	25.2	250	0.45	450
PEM453232A-R47X	0.47	±20,±10%	30	25.2	220	0.5	450
PEM453232A-R56X	0.56	±20,±10%	30	25.2	180	0.55	450
PEM453232A-R68X	0.68	±20,±10%	30	25.2	160	0.6	450
PEM453232A-R82X	0.82	±20,±10%	30	25.2	140	0.65	450
PEM453232A-1R0X	1.0	±10,±5%	30	7.96	120	0.7	400
PEM453232A-1R2X	1.2	±10,±5%	30	7.96	100	0.75	390
PEM453232A-1R5X	1.5	±10,±5%	30	7.96	85	0.85	370
PEM453232A-1R8X	1.8	±10,±5%	30	7.96	80	0.9	350
PEM453232A-2R2X	2.2	±10,±5%	30	7.96	75	1	320
PEM453232A-2R7X	2.7	±10,±5%	30	7.96	70	1.1	290
PEM453232A-3R3X	3.3	±10,±5%	30	7.96	60	1.2	260
PEM453232A-3R9X	3.9	±10,±5%	30	7.96	55	1.3	250
PEM453232A-4R7X	4.7	±10,±5%	30	7.96	50	1.5	220
PEM453232A-5R6X	5.6	±10,±5%	30	7.96	45	1.6	200
PEM453232A-6R8X	6.8	±10,±5%	30	7.96	40	1.8	180
PEM453232A-8R2X	8.2	±10,±5%	30	7.96	35	2	170
PEM453232A-100X	10	±10,±5%	30	2.52	30	2.1	150

PEM453232A-120X	12	±10,±5%	30	2.52	20	2.5	140
PEM453232A-150X	15	±10,±5%	30	2.52	20	2.8	130
PEM453232A-180X	18	±10,±5%	30	2.52	20	3.3	120
PEM453232A-220X	22	±10,±5%	30	2.52	20	3.7	110

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 $\Delta T=40^{\circ}\text{C}$,whicheckever is smaller($T_a=20^{\circ}\text{C}$).

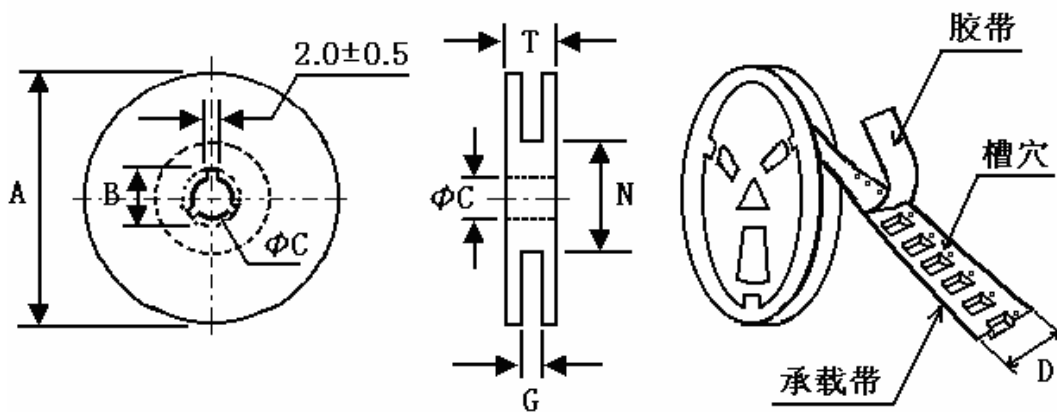
PACKAGING:

1 100 grids (400mm) of empty space in the front,and 500mm of masking tape to be extended;50 grids (200mm) of empty space in the rear



E	F	P1	D0	D1	P0	W	P2	A0	B0	K0	T
1.75	5.50	2.0	1.5	1.0	4.0	12.0	8.0	3.31	4.95	3.50	0.35

2 Reel dimensions (mm)



规格 Type	A	B	C	D	G	N	T
7"	178	21	13	12	14 Max	50 Min	18.4 Max

3. Packing Quantity and dimension

Reel	Inner Box (mm)	外箱 Outer Box (mm)
500PCS/ Reel pieces/Reel	2000PCS /pieces/Inner Box	20000/0000PCS /pieces/Outer Box
7"	185×185×70	380×205×380/380×380×380