



Color ring inductors

PZAL0510 Series

Inductance Range:1.2mH~33mH.
 Temp. rise:20°C max,Ambient temp. :60°C max.
 Operating temp. :-20°C~+80°C.
 Terminal tensile strength:1.0kg min.
 Terminal bending strength:0.3kg min.
 Dielectric withstanding voltage:250Vrms.
 Rated current:base on temp rise.

Coding Guidelines:

PZAL0510 - 221K -T

1 2 3 4 5

- 1.Product Code
- 2.Core Dimensions
- 3.Inductance Code
- 4.Tolerance Code
- 5.Packing:T:Tape.

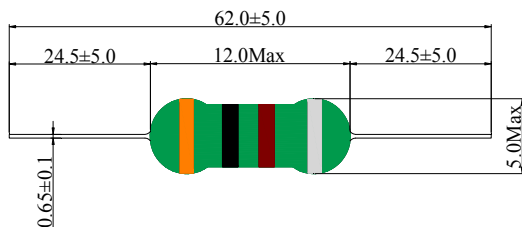
Features:

Design to be compact, small and light-weight.
 Wide range of inductance.
 Contribute to be high Q and self-resonant frequencies.
 Tapping type that is convenient for automatic insertion.
 Coating epoxy resin that ensure the humidity resistance to be long life.
 Low Cost.

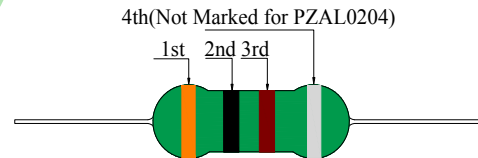
Applications:

Electronics products.
 Communications equipments.
 Computer Devices.
 TV, VCR.
 Battery charger.

Dimensions:(mm)



Color ring marking:



Color & Meaning:

COLOR	Nominal Inductance(uH)			
	First Figure	Second Figure	Magnification/*	Tolerance
BLACK(Bk)	0		1	20%
BROWN(Bn)	1		10	-
RED(R)	2		100	-
ORANGE(O)	3		1000	-
YELLOW(Y)	4		-	-
GREEN(Gn)	5		-	-
BLUE(Bu)	6		-	-
VIOLET(V)	7		-	-
GRAY(Gy)	8		-	-
WHITE(W)	9		-	-
GOLD(Gd)	-		-	5%
SILVER(S)	-		-	10%



Color ring inductors

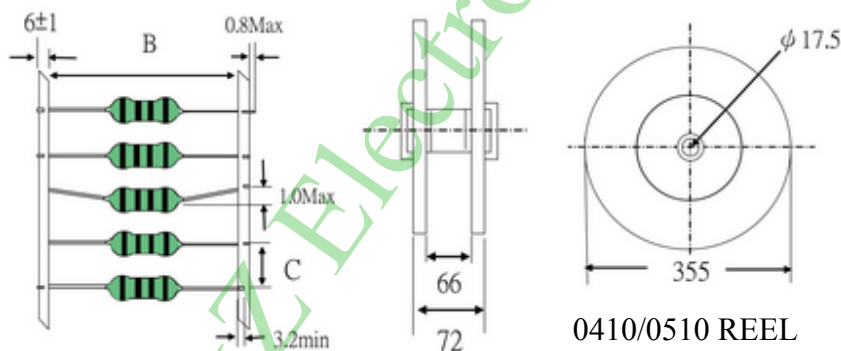
PZAL0510 Series

Specifications list: —

Part No.	Inductance (mH)	Test frequency (MHz)	Q (min)	S.R.F. (MHz)min	D. C. Resistance (Ω)max	IDC (mA)max	Color Code			
							1st	2nd	3rd	4th
PZAL0512-122K	1.2	252	80	1.3	9	110	Bn	R	R	S
PZAL0512-152K	1.5	252	80	1.2	10	100	Bn	Gn	R	S
PZAL0512-182K	1.8	252	80	1.2	11	90	Bn	Gy	R	S
PZAL0512-222K	2.2	252	80	1.1	14	80	R	R	R	S
PZAL0512-272K	2.7	252	80	0.85	18	75	R	V	R	S
PZAL0512-332K	3.3	252	80	0.74	22	65	O	O	R	S
PZAL0512-392K	3.9	252	80	0.7	26	60	O	W	R	S
PZAL0512-472K	4.7	252	80	0.66	32	55	Y	V	R	S
PZAL0512-562K	5.6	252	70	0.64	34	50	Gn	Bu	R	S
PZAL0512-682K	6.8	252	70	0.58	45	45	Bu	Gy	R	S
PZAL0512-822K	8.2	252	50	0.5	60	40	Gy	R	R	S
PZAL0512-103K	10	79.6	50	0.48	70	38	Bn	Bk	O	S
PZAL0512-123K	12	79.6	50	0.46	82	35	Bn	R	O	S
PZAL0512-153K	15	79.6	50	0.4	89	32	Bn	Gn	O	S
PZAL0512-183K	18	79.6	40	0.37	140	28	Bn	Gy	O	S
PZAL0512-223K	22	79.6	40	0.33	170	25	R	R	O	S
PZAL0512-253K	25	79.6	40	0.28	185	24	R	Gn	O	S
PZAL0512-273K	27	79.6	40	0.26	210	23	R	V	O	S
PZAL0512-303K	30	79.6	40	0.25	240	22	O	Bk	O	S
PZAL0512-333K	33	79.6	40	0.24	250	20	O	O	O	S

Packaging:

Reel Dimensions:



Dimensions	PZAL0510 Data
B	52±1.0
C	5.0±0.5

0410/0510 REEL

Reel/Quantity: (Ref)

Packaging	Quantity:
Quantity/Reel	3000PCS
Quantity/Carton	15,000PCS
GW/CTN(Approx.)	15.0Kg
Carton Size(mm)	380*380*460

Remarks:

If special specifications, please contact us to confirm!