

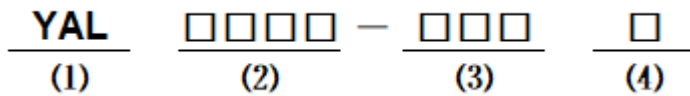
**■ Features**

- Low cost and high reliability.
- Coating epoxy resin that ensures the humidity resistance to be long life.
- 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.

**■ Applications**

- Electronics products.
- Communication equipment.
- Computer Devices.
- TV, VCR and radios.

**■ Product Identification**



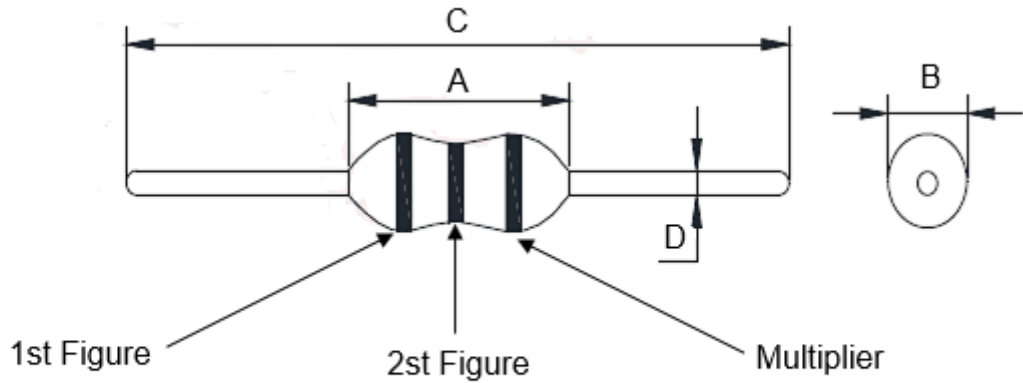
(1) : Type

(2) : Dimensions

(3) : Inductance value

(4) : Inductance Tolerance: N=±30%, M=±20%, K=±10%, J=±5%

**Shapes and Dimensions (Unit: mm)**



TYPE	A Max.	B Max.	C	D
YAL0204	4.0	2.8	62.0±2.0	0.45±0.05

**Color Coding**

Color	Nominal inductance (uH)			
	1st Figure	2nd Figure	Multiplier	Tolerance
<b>Black 黑</b>	0		×1	±20%
<b>Brown 棕</b>	1		×10	—
<b>Red 红</b>	2		×100	—
<b>Orange 橙</b>	3		×1000	—
<b>Yellow 黄</b>	4		—	—
<b>Green 绿</b>	5		—	—
<b>Blue 蓝</b>	6		—	—
<b>Violet 紫</b>	7		—	—
<b>Gray 灰</b>	8		—	—
<b>White 白</b>	9		—	—
<b>Gold 金</b>	—		×0.1	±5%
<b>Silver 银</b>	—		×0.01	±10%

## ■ YAL0204 Series

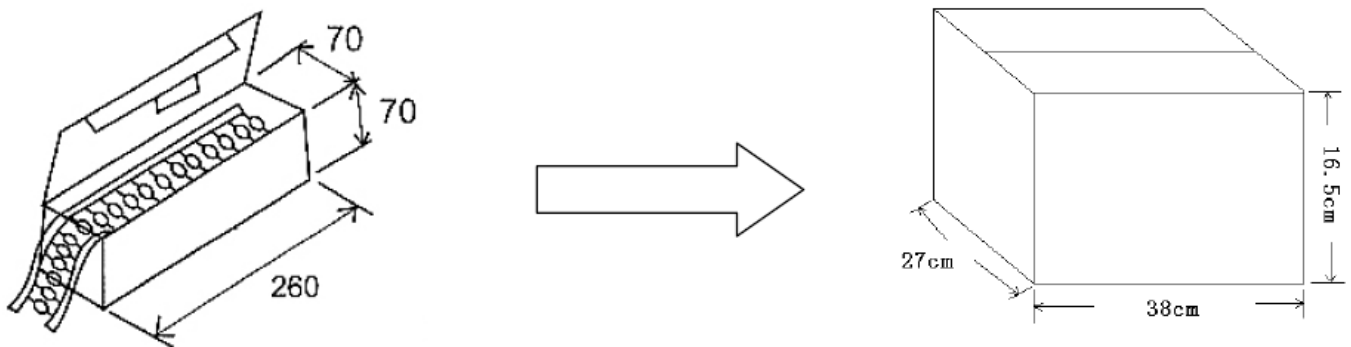
Part Number	Inductance (uH)	Test Freq. (MHz)	Q Min	SRF Min (MHz)	DCR Max. (Ω)	Rated Current(mA)
YAL0204-R10□	0.10	25.2	35	300	0.18	700
YAL0204-R15□	0.15	25.2	35	300	0.22	620
YAL0204-R18□	0.18	25.2	35	300	0.24	600
YAL0204-R22□	0.22	25.2	35	150	0.40	400
YAL0204-R33□	0.33	25.2	35	150	0.48	370
YAL0204-R39□	0.39	25.2	35	150	0.51	350
YAL0204-R47□	0.47	25.2	35	150	0.56	330
YAL0204-R68□	0.68	25.2	35	150	0.67	310
YAL0204-R82□	0.82	25.2	35	150	0.74	290
YAL0204-1R0□	1.0	25.2	35	150	0.80	270
YAL0204-1R2□	1.2	7.96	40	110	0.90	260
YAL0204-1R5□	1.5	7.96	40	70	1.00	250
YAL0204-1R8□	1.8	7.96	40	60	1.10	240
YAL0204-2R2□	2.2	7.96	40	45	1.20	230
YAL0204-2R7□	2.7	7.96	40	40	1.30	220
YAL0204-3R3□	3.3	7.96	40	38	1.40	210
YAL0204-4R7□	4.7	7.96	40	32	1.70	190
YAL0204-5R6□	5.6	7.96	40	30	1.90	180
YAL0204-6R8□	6.8	7.96	40	28	2.00	175
YAL0204-8R2□	8.2	7.96	40	26	2.20	165
YAL0204-100□	10	7.96	40	24	2.50	160
YAL0204-120□	12	2.52	40	22	2.50	150
YAL0204-150□	15	2.52	40	20	2.80	145
YAL0204-180□	18	2.52	40	18	3.10	140
YAL0204-220□	22	2.52	40	17	3.40	100

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Part Number	Inductance (uH)	Test Freq. (MHz)	Q Min	SRF Min (MHz)	DCR Max. (Ω)	Rated Current(mA)
YAL0204-270□	27	2.52	40	16	4.30	80
YAL0204-330□	33	2.52	40	14	4.70	75
YAL0204-470□	47	2.52	40	12	5.80	70
YAL0204-560□	56	2.52	40	11	6.40	68
YAL0204-680□	68	2.52	40	10	7.20	64
YAL0204-820□	82	2.52	40	9.5	11.0	46
YAL0204-101□	100	2.52	40	9.0	12.0	44
YAL0204-121□	120	0.796	40	8.0	13.0	42
YAL0204-151□	150	0.796	40	6.0	16.0	39
YAL0204-181□	180	0.796	40	5.0	18.0	37
YAL0204-221□	220	0.796	40	5.0	30.0	35
YAL0204-271□	270	0.796	40	4.6	25.0	25
YAL0204-331□	330	0.796	40	4.2	30.0	25

※ Design as Customer's Requested Specifications.

## ■ Package Specification (Unit:mm)



TYPE	Packaging Materials	Reference Dimension	Material	Quantity/Box	Quantity/Carton
YAL0204	Box	206x70x70(mm)	B5B-E	3000 PCS	30000 PCS