

**■ 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.
- Contibute to be high Q and self-resonent 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
YAL0510	12.0	5.0	62.0±2.0	0.60±0.05

**■ Color Coding**

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

## ■ YAL0510 Series

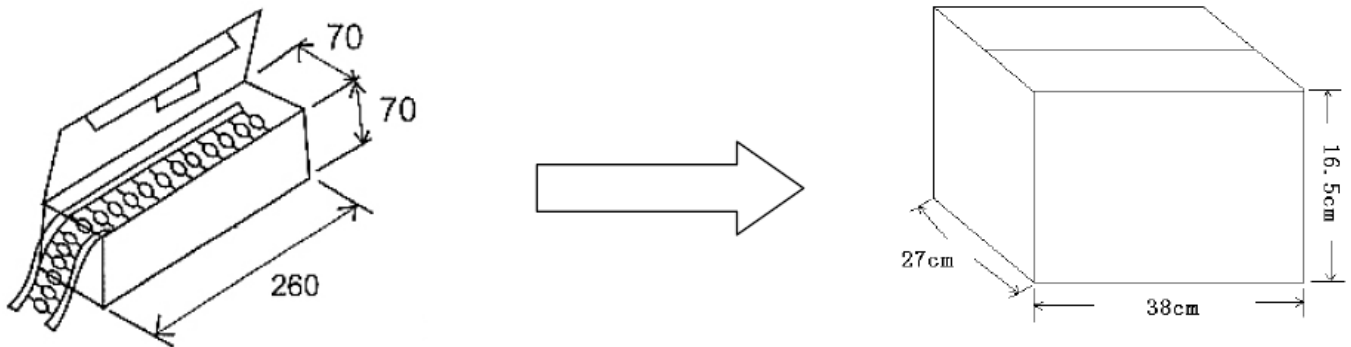
Part Number	L(uH)	Test Freq. (MHz)	Q Min	SRF Min (MHz)	DCR Max. (Ω)	Rated Current(mA)
YAL0510-1R0□	1.0	25.2	10	50	0.25	900
YAL0510-1R5□	1.5	7.96	10	50	0.25	800
YAL0510-2R2□	2.2	7.96	10	50	0.26	500
YAL0510-3R3□	3.3	7.96	10	50	0.30	500
YAL0510-4R7□	4.7	7.96	10	45	0.35	500
YAL0510-6R8□	6.8	7.96	15	45	0.40	500
YAL0510-100□	10	7.96	15	30	0.50	500
YAL0510-150□	15	2.52	30	30	0.70	500
YAL0510-220□	22	2.52	30	8.0	0.70	400
YAL0510-330□	33	2.52	30	6.0	0.75	370
YAL0510-470□	47	2.52	30	5.0	0.80	320
YAL0510-680□	68	2.52	25	4.0	0.80	300
YAL0510-101□	100	2.52	20	3.5	1.50	200
YAL0510-151□	150	0.796	30	3.2	3.00	190
YAL0510-221□	220	0.796	40	2.6	4.50	180
YAL0510-331□	330	0.796	30	2.4	6.50	130
YAL0510-471□	470	0.796	60	1.9	7.70	126
YAL0510-561□	560	0.796	50	1.8	8.50	120
YAL0510-681□	680	0.796	55	1.5	9.00	113
YAL0510-821□	820	0.796	45	1.2	10.5	105
YAL0510-102□	1000	0.252	40	1.0	14.0	100
YAL0510-122□	1200	0.252	40	0.95	16.9	95
YAL0510-152□	1500	0.252	40	0.90	21.6	90
YAL0510-182□	1800	0.252	40	0.85	24.0	85
YAL0510-202□	2000	0.252	40	0.80	20.0	60

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Part Number	L(uH)	Test Freq. (MHz)	Q Min	SRF Min (MHz)	DCR Max. (Ω)	Rated Current(mA)
YAL0510-222□	2200	0.252	40	0.80	34.7	80
YAL0510-272□	2700	0.252	40	0.75	40.0	75
YAL0510-332□	3300	0.252	40	0.70	59.5	62
YAL0510-392□	3900	0.252	40	0.65	66.0	59
YAL0510-472□	4700	0.252	40	0.60	74.0	55
YAL0510-562□	5600	0.252	30	0.50	80.0	40
YAL0510-682□	6800	0.252	30	0.45	85.0	35
YAL0510-822□	8200	0.252	30	0.40	95.0	30
YAL0510-103□	10000	0.252	20	0.35	105	25

※ Design as Customer's Requested Specifications.

## ■ Package Specification (Unit:mm)



TYPE	Packaging Materials	Reference Dimension	Material	Quantity/Box	Quantity/Carton
YAL0510	Box	206x70x70(mm)	B5B-E	1000 PCS	10000 PCS