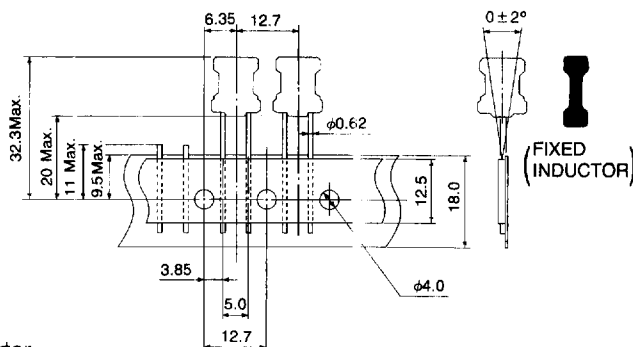
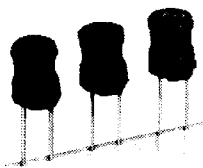


TYPE 8RHTInductance Range: 1.0-1000 μ HTemperature Coefficient: 400ppm/ $^{\circ}$ C, max.**Features**

- Ideal as a choke coil for noise filtering and DC/DC converter applications.
- Tape and reel for automated assembly.

STANDARD PARTS SELECTION GUIDE

- (1) Q and Inductance are measured by Q meter YHP-4343B or equivalent.
 (2) The rated DC current is that which the inductance value decreases 10% by the excitation DC current, measured at 1kHz by Precision LCR meter 4284A (hp) or equivalent.

- (3) SRF is measured by Network Analyzer 3577A (hp), MS560J (Anritsu) or equivalent.
 (4) DC Resistance is measured by Digital Multimeter TR6871 (Advantest) or equivalent.
 (5) SRF is for reference only.

TYPE 8RHT

TOKO Part Number	Inductance L (μ H)	Q ⁽¹⁾ (min.)	Test Frequency of L, Q _u (MHz)	DC Resistance ⁽⁴⁾ (Ω) max.	Rated DC Current (A) ⁽²⁾ max.	Self Resonant Frequency ^{(3), (5)} (MHz) min.
AR621LY-1R0M=R	1.0 \pm 20%	20	7.96	0.013	10	150
AR621LY-1R5M=R	1.5 \pm 20%	20	7.96	0.016	8.5	130
AR621LY-2R2M=R	2.2 \pm 20%	20	7.96	0.021	6.5	100
AR621LY-3R3M=R	3.3 \pm 20%	20	7.96	0.025	5.5	79
AR621LY-4R7M=R	4.7 \pm 20%	20	7.96	0.030	4.3	51
AR621LY-6R8M=R	6.8 \pm 20%	20	7.96	0.035	3.7	29
AR621LY-100K=R	10 \pm 10%	50	2.52	0.045	3.0	14
AR621LY-120K=R	12 \pm 10%	50	2.52	0.050	2.6	13
AR621LY-150K=R	15 \pm 10%	50	2.52	0.056	2.3	12
AR621LY-180K=R	18 \pm 10%	40	2.52	0.061	2.2	11
AR621LY-220K=R	22 \pm 10%	40	2.52	0.070	2.0	9.2
AR621LY-270K=R	27 \pm 10%	40	2.52	0.080	1.7	8.5
AR621LY-330K=R	33 \pm 10%	30	2.52	0.090	1.6	7.8
AR621LY-390K=R	39 \pm 10%	30	2.52	0.10	1.5	6.9
AR621LY-470K=R	47 \pm 10%	30	2.52	0.16	1.4	6.5
AR621LY-560K=R	56 \pm 10%	30	2.52	0.18	1.3	5.4
AR621LY-680K=R	68 \pm 10%	30	2.52	0.21	1.2	4.9
AR621LY-820K=R	82 \pm 10%	30	2.52	0.23	1.1	4.1
AR621LY-101K=R	100 \pm 10%	20	0.796	0.28	0.91	3.7
AR621LY-121K=R	120 \pm 10%	20	0.796	0.32	0.84	3.4
AR621LY-151K=R	150 \pm 10%	20	0.796	0.37	0.75	3.2
AR621LY-181K=R	180 \pm 10%	20	0.796	0.58	0.69	2.8
AR621LY-221K=R	220 \pm 10%	20	0.796	0.65	0.64	2.7
AR621LY-271K=R	270 \pm 10%	20	0.796	0.75	0.57	2.4
AR621LY-331K=R	330 \pm 10%	20	0.796	0.85	0.54	2.3
AR621LY-391K=R	390 \pm 10%	20	0.796	1.0	0.48	2.1
AR621LY-471K=R	470 \pm 10%	20	0.796	1.1	0.46	1.9
AR621LY-561K=R	560 \pm 10%	20	0.796	1.4	0.41	1.8
AR621LY-681K=R	680 \pm 10%	20	0.796	1.6	0.38	1.6
AR621LY-821K=R	820 \pm 10%	20	0.796	1.8	0.35	1.5
AR621LY-102K=R	1,000 \pm 10%	50	0.252	2.9	0.29	1.3