Coilmaster Electronics Co., Ltd.
9F-3 No.398, Huan Bei Rd. Chung Li City, Taoyuan 320, Taiwan
Tel : +886-3-422-8279 Fax : +886-3-422-8734
E-mail :info@coilmaster.com.tw
Web Site : www.coilmaster.com.tw

AS0610U SERIES ~ Axial Power Inductors

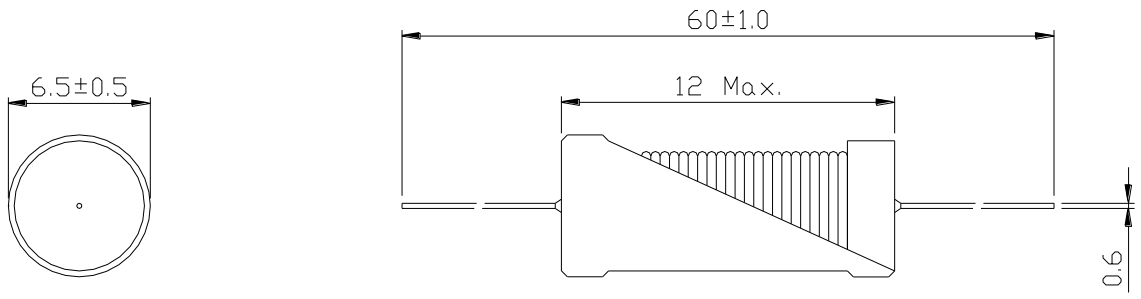
PART NUMBERING SYSTEM

AS	0610U	–	100K	–	LF
TYPE	DIMENSIONS		INDUCTANCE		LEAD FREE

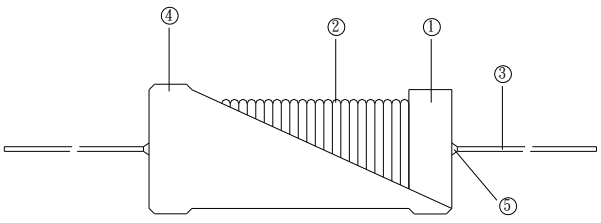
U：UL Tube
P：PVC Tube

SHAPES AND DIMENSIONS

UNIT：mm



STRUCTURAL DIAGRAM：



COMPONENT	MATERIALS
1.Core	Ferrite core
2.Wire	Polyurethane enameled copper wires
3.Lead wire	Tinned copper wires
4.Tube	Heat shrinkable tube, PVC or UL
5.Glue	Epoxy resin

Coilmaster Electronics Co., Ltd.
9F-3 No.398, Huan Bei Rd. Chung Li City, Taoyuan 320, Taiwan
Tel : +886-3-422-8279 Fax : +886-3-422-8734
E-mail :info@coilmaster.com.tw
Web Site : www.coilmaster.com.tw

AS0610U SERIES ~ Axial Power Inductors

RoHS COMPLIANT REACH Halogen Free

SPECIFICATION TABLE

PART NUMBER	INDUCTANCE (μH)	Q (min)	DCR (Ω) (max)	IDC (mA) (max)	SRF(MHz) (min)	TEST FREQ. (f)
AS0610-1R0M-LF	1.0	100	0.02	2500	98	7.96MHz
AS0610-1R2M-LF	1.2	100	0.02	2500	90	7.96MHz
AS0610-1R5M-LF	1.5	100	0.02	2500	78	7.96MHz
AS0610-1R8M-LF	1.8	100	0.02	2500	74	7.96MHz
AS0610-2R2M-LF	2.2	100	0.02	2500	59	7.96MHz
AS0610-2R7M-LF	2.7	100	0.02	2500	46	7.96MHz
AS0610-3R3M-LF	3.3	100	0.02	2500	38	7.96MHz
AS0610-3R9M-LF	3.9	90	0.03	2400	28	7.96MHz
AS0610-4R7M-LF	4.7	90	0.04	2100	30	7.96MHz
AS0610-5R6M-LF	5.6	90	0.04	1800	26	7.96MHz
AS0610-6R8M-LF	6.8	90	0.05	1700	25	7.96MHz
AS0610-8R2M-LF	8.2	80	0.05	1500	23	7.96MHz
AS0610-100K-LF	10	80	0.07	1400	19	2.52MHz
AS0610-120K-LF	12	80	0.08	1200	17	2.52MHz
AS0610-150K-LF	15	80	0.09	1100	15	2.52MHz
AS0610-180K-LF	18	80	0.11	1000	13	2.52MHz
AS0610-220K-LF	22	70	0.13	900	13	2.52MHz
AS0610-270K-LF	27	65	0.14	800	11	2.52MHz
AS0610-330K-LF	33	60	0.16	700	10	2.52MHz
AS0610-390K-LF	39	60	0.18	700	9.6	2.52MHz
AS0610-470K-LF	47	60	0.22	600	8.8	2.52MHz
AS0610-560K-LF	56	50	0.25	600	7.6	2.52MHz
AS0610-680K-LF	68	40	0.28	500	7.5	2.52MHz
AS0610-820K-LF	82	35	0.32	500	6.4	2.52MHz
AS0610-101K-LF	100	35	0.42	400	5.8	796KHz
AS0610-121K-LF	120	30	0.47	300	5.1	796KHz
AS0610-151K-LF	150	30	0.58	300	4.9	796KHz
AS0610-181K-LF	180	25	0.62	300	4.4	796KHz

Coilmaster Electronics Co., Ltd.
9F-3 No.398, Huan Bei Rd. Chung Li City, Taoyuan 320, Taiwan
Tel : +886-3-422-8279 Fax : +886-3-422-8734
E-mail :info@coilmaster.com.tw
Web Site : www.coilmaster.com.tw

AS0610U SERIES ~ Axial Power Inductors

SPECIFICATION TABLE

PART NUMBER	INDUCTANCE (μH)	Q (min)	DCR (Ω) (max)	IDC (mA) (max)	SRF(MHz) (min)	TEST FREQ. (f)
AS0610-221K-LF	220	25	0.89	260	3.8	796KHz
AS0610-271K-LF	270	25	1.1	230	3.4	796KHz
AS0610-331K-LF	330	25	1.2	210	3.1	796KHz
AS0610-391K-LF	390	30	1.4	180	3.0	796KHz
AS0610-471K-LF	470	30	1.5	170	2.8	796KHz
AS0610-561K-LF	560	30	1.8	150	2.3	796KHz
AS0610-681K-LF	680	30	1.9	140	2.1	796KHz
AS0610-821K-LF	820	30	2.3	120	1.8	796KHz
AS0610-102K-LF	1000	70	2.8	100	1.6	252KHz
AS0610-122K-LF	1200	65	3.1	90	1.4	252KHz
AS0610-152K-LF	1500	60	3.6	80	1.3	252KHz
AS0610-182K-LF	1800	80	5.6	70	1.3	252KHz
AS0610-222K-LF	2200	80	6.3	70	1.2	252KHz
AS0610-272K-LF	2700	80	7.3	60	1.1	252KHz
AS0610-332K-LF	3300	90	10	50	0.8	252KHz
AS0610-392K-LF	3900	90	12	50	0.8	252KHz
AS0610-472K-LF	4700	90	13	40	0.8	252KHz
AS0610-562K-LF	5600	80	15	40	0.7	252KHz
AS0610-682K-LF	6800	70	17	40	0.7	252KHz
AS0610-822K-LF	8200	60	19	35	0.6	252KHz
AS0610-103K-LF	10000	80	27	35	0.5	79.6KHz
AS0610-123K-LF	12000	80	35	35	0.5	79.6KHz
AS0610-153K-LF	15000	80	48	30	0.4	79.6KHz
AS0610-183K-LF	18000	80	65	30	0.3	79.6KHz
AS0610-223K-LF	22000	80	69	25	0.3	79.6KHz
AS0610-273K-LF	27000	80	84	25	0.3	79.6KHz
AS0610-333K-LF	33000	75	99	25	0.2	79.6KHz
AS0610-393K-LF	39000	75	108	25	0.2	79.6KHz
AS0610-473K-LF	47000	75	120	20	0.2	79.6KHz