

# SMD POWER INDUCTORS

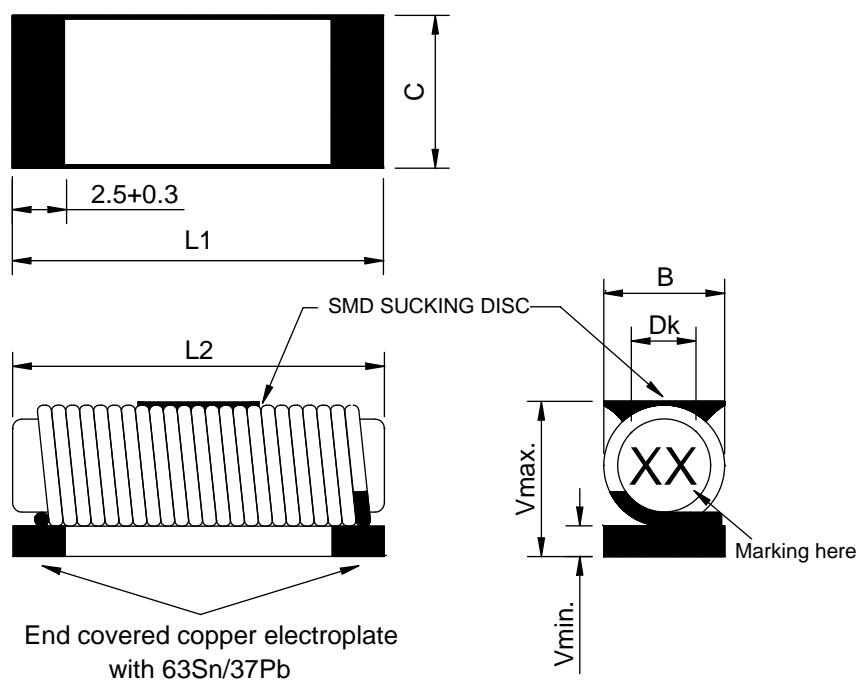
## R CORE TYPE

- 1 These are high power SMD inductors and superior to high saturation.
- 1 Tape and reel package.
- 1 Operating temperature :  $-30^{\circ}\text{C} \sim +100^{\circ}\text{C}$
- 1 (Contain Heating Coil) Over  $100\text{M}\Omega$  at  $100\text{VDC}$  between coil and core.
- 1 No dielectric breakdown at  $500\text{VAC/DC}$  for 1minute between coil and core.
- 1 R core assembly with PCB of copper electroplate 63Sn/37Pb.

### DIMENSION & ELECTRICAL SPECIFICATIONS @ $25^{\circ}\text{C}$

UMEC MODEL NO.	MARK	$L_N$ uH	$I_N$ A	$R(\text{m}\Omega)$ max	$F_{\text{res}}$ MHZ	$L1$ $\pm 1$	$L2$ $\pm 0.6$	$D_K$ max	B max	C $\pm 0.3$	V max	D max	Weight
UT30819	04	$9 \pm 20\%$	6	12.2	150	25	25	6.05	9.0	7.4	11.0	1.02	8
UT30820	08	$13 \pm 20\%$	3	33	170	20	20	5.05	7.2	6.4	9.0	0.65	4
UT30821	11	$20 \pm 20\%$	3	50	125	25	25	6.05	8.0	7.4	10.0	0.73	6
UT30822	12	$25 \pm 20\%$	3	56	85	25	25	6.05	8.0	7.4	10.0	0.61	6
UT30823	17	$15 \pm 20\%$	4	27	120	25	25	6.05	8.0	7.4	10.0	0.76	6
UT30825	06	$8 \pm 20\%$	3	19	145	20	20	5.05	7.2	6.4	9.0	0.76	4
UT30829	16	$5 \pm 20\%$	10	8	175	25	25	6.05	9.0	7.4	11.0	1.25	8
UT30831	05	$6 \pm 20\%$	4	11.5	170	20	20	5.05	7.5	6.4	10.0	0.91	5
UT30832	07	$11 \pm 20\%$	4	28	150	20	20	5.05	7.2	6.4	9.0	0.68	4
UT30833	10	$17 \pm 20\%$	2	58	100	20	20	5.05	7.0	6.4	9.0	0.52	4
UT30834	13	$6 \pm 20\%$	6	10	200	20	20	5.05	8.0	6.4	10.0	1.02	5
UT30835	14	$3 \pm 20\%$	9	4.2	220	20	20	5.05	8.0	6.4	10.0	1.25	5
UT30836	15	$4 \pm 20\%$	6	8.5	205	20	20	5.05	8.0	6.4	10.0	0.96	5

### DIMENSION & DRAWING



\*Specifications are subject to change without prior notice.

DATA SHEET 06-30 JUL./04  
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