

THT INDUCTOR



Features

Various high power inductors are superior to be high saturation for THT mounting .

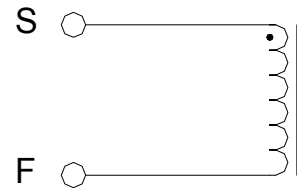
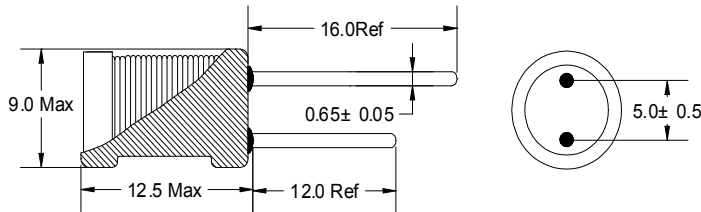
Applications

Power supply for VTR; OA equipment; Digital camera; LCD television set notebook computers; Portable communication equipments; DC/DC converters, etc.



Shape and Dimensions (Unit : mm)

Schematics



Part Number	Inductance (uH)	Q (Min)	DCR (ohm)max.	Idc (mA)max.	SRF (Min)	Test Conditions	
						Frequency	Level
THDR810-1R0K	1.0	50	0.02	3400	100	79.6 KHz	0.1Vrms
THDR810-1R2K	1.2	50	0.02	3400	90	79.6 KHz	0.1Vrms
THDR810-1R5K	1.5	50	0.02	3400	80	79.6 KHz	0.1Vrms
THDR810-1R8K	1.8	50	0.03	3300	75	79.6 KHz	0.1Vrms
THDR810-2R2K	2.2	50	0.03	3000	70	79.6 KHz	0.1Vrms
THDR810-2R7K	2.7	50	0.04	3000	60	79.6 KHz	0.1Vrms
THDR810-3R3K	3.3	50	0.04	3000	56	79.6 KHz	0.1Vrms
THDR810-3R9K	3.9	50	0.05	2900	52	79.6 KHz	0.1Vrms
THDR810-4R7K	4.7	50	0.05	2900	30	79.6 KHz	0.1Vrms
THDR810-5R6K	5.6	50	0.06	2600	30	79.6 KHz	0.1Vrms
THDR810-6R8K	6.8	50	0.06	2500	20	79.6 KHz	0.1Vrms
THDR810-8R2K	8.2	50	0.06	2000	17	79.6 KHz	0.1Vrms
THDR810-100K	10	50	0.10	1600	12	79.6 KHz	0.1Vrms
THDR810-120K	12	50	0.10	1400	11	79.6 KHz	0.1Vrms
THDR810-150K	15	50	0.10	1300	10.0	79.6 KHz	0.1Vrms
THDR810-180K	18	50	0.11	1200	9.0	79.6 KHz	0.1Vrms
THDR810-220K	22	50	0.13	1100	8.0	79.6 KHz	0.1Vrms
THDR810-270K	27	50	0.14	1000	7.0	79.6 KHz	0.1Vrms
THDR810-330K	33	50	0.16	900	7.0	79.6 KHz	0.1Vrms
THDR810-390K	39	50	0.16	800	6.0	79.6 KHz	0.1Vrms
THDR810-470K	47	50	0.16	700	5.5	79.6 KHz	0.1Vrms
THDR810-560K	56	50	0.22	700	5.5	79.6 KHz	0.1Vrms
THDR810-680K	68	50	0.23	600	5.0	79.6 KHz	0.1Vrms
THDR810-820K	82	50	0.27	500	4.5	79.6 KHz	0.1Vrms
THDR810-101K	100	50	0.29	400	4.5	79.6 KHz	0.1Vrms
THDR810-121K	120	50	0.33	400	4.5	79.6 KHz	0.1Vrms

* "K" is tolerance code (* K= $\pm 10\%$)

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Suotek®

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Applications

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LCD television set notebook computers;

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Part Number	Inductance (uH)	Q (Min)	DCR (ohm)max.	Idc (mA)max.	SRF (Min)	Test Conditions	
						Frequency	Level
THDR810-151K	150	50	0.46	350	4.5	79.6 KHz	0.1Vrms
THDR810-181K	180	50	0.51	350	4.0	79.6 KHz	0.1Vrms
THDR810-221K	220	50	0.62	300	3.5	79.6 KHz	0.1Vrms
THDR810-271K	270	50	0.65	250	3.0	79.6 KHz	0.1Vrms
THDR810-331K	330	50	0.79	250	3.0	79.6 KHz	0.1Vrms
THDR810-391K	390	45	0.91	200	2.5	79.6 KHz	0.1Vrms
THDR810-471K	470	45	1.2	180	2.5	79.6 KHz	0.1Vrms
THDR810-561K	560	45	1.2	160	2.0	79.6 KHz	0.1Vrms
THDR810-681K	680	45	1.5	140	2.0	79.6 KHz	0.1Vrms
THDR810-821K	820	45	1.7	140	2.0	79.6 KHz	0.1Vrms
THDR810-102K	1000	45	2.0	120	2.0	79.6 KHz	0.1Vrms
THDR810-122K	1200	45	2.3	100	1.5	79.6 KHz	0.1Vrms
THDR810-152K	1500	45	2.9	80	1.5	79.6 KHz	0.1Vrms
THDR810-182K	1800	45	3.5	80	1.5	79.6 KHz	0.1Vrms
THDR810-222K	2200	45	4.2	70	1.0	79.6 KHz	0.1Vrms
THDR810-272K	2700	45	5.1	60	1.0	79.6 KHz	0.1Vrms
THDR810-332K	3300	45	6.1	60	0.9	79.6 KHz	0.1Vrms
THDR810-392K	3900	45	7.8	50	0.8	79.6 KHz	0.1Vrms
THDR810-472K	4700	45	11	50	0.7	79.6 KHz	0.1Vrms
THDR810-562K	5600	45	15	45	0.6	79.6 KHz	0.1Vrms
THDR810-682K	6800	45	18	45	0.6	79.6 KHz	0.1Vrms
THDR810-822K	8200	45	20	40	0.6	79.6 KHz	0.1Vrms
THDR810-103K	10000	45	25	35	0.5	79.6 KHz	0.1Vrms
THDR810-123K	12000	45	26	35	0.4	79.6 KHz	0.1Vrms
THDR810-153K	15000	45	28	35	0.4	79.6 KHz	0.1Vrms
THDR810-183K	18000	45	42	30	0.4	79.6 KHz	0.1Vrms
THDR810-223K	22000	45	43	30	0.3	79.6 KHz	0.1Vrms
THDR810-273K	27000	45	55	25	0.3	79.6 KHz	0.1Vrms
THDR810-333K	33000	45	65	25	0.3	79.6 KHz	0.1Vrms
THDR810-393K	39000	45	87	25	0.2	79.6 KHz	0.1Vrms
THDR810-473K	47000	45	98	25	0.2	79.6 KHz	0.1Vrms
THDR810-563K	56000	45	128	20	0.2	79.6 KHz	0.1Vrms
THDR810-683K	68000	45	141	20	0.2	79.6 KHz	0.1Vrms
THDR810-823K	82000	45	161	20	0.2	79.6 KHz	0.1Vrms
THDR810-104K	100000	45	180	20	0.2	79.6 KHz	0.1Vrms

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