

THT INDUCTOR



Features

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

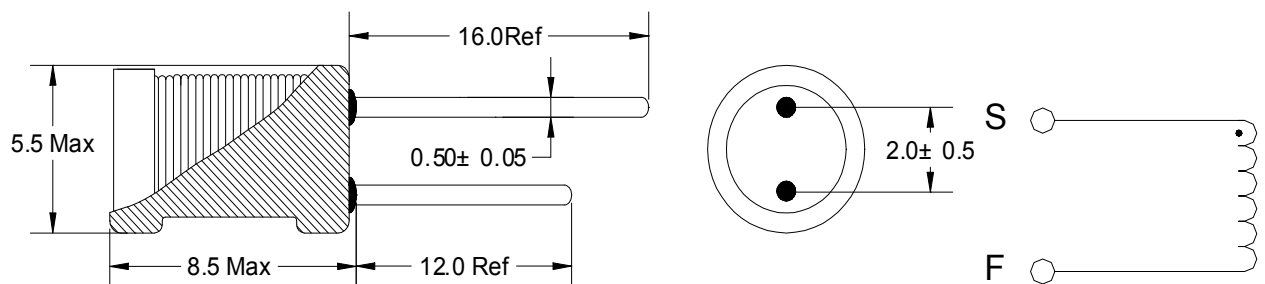
Applications

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
THDR46-1R2K	1.2	70	0.12	1200	170	79.6 KHz	0.1Vrms
THDR46-1R5K	1.5	80	0.15	1200	140	79.6 KHz	0.1Vrms
THDR46-1R8K	1.8	90	0.17	1100	130	79.6 KHz	0.1Vrms
THDR46-2R2K	2.2	98	0.20	1100	125	79.6 KHz	0.1Vrms
THDR46-3R7K	2.7	94	0.20	1300	113	79.6 KHz	0.1Vrms
THDR46-3R3K	3.3	93	0.22	1300	92	79.6 KHz	0.1Vrms
THDR46-3R9K	3.9	86	0.24	1300	77	79.6 KHz	0.1Vrms
THDR46-4R7K	4.7	84	0.26	800	58	79.6 KHz	0.1Vrms
THDR46-5R6K	5.0	84	0.28	800	42	79.6 KHz	0.1Vrms
THDR46-6R8K	6.8	82	0.30	800	35	79.6 KHz	0.1Vrms
THDR46-8R2K	8.2	77	0.35	800	32	79.6 KHz	0.1Vrms
THDR46-100K	10.0	70	0.46	700	27	79.6 KHz	0.1Vrms
THDR46-120K	12.0	80	0.48	600	20	79.6 KHz	0.1Vrms
THDR46-150K	15.0	77	0.55	600	18	79.6 KHz	0.1Vrms
THDR46-180K	18.0	87	0.65	500	16	79.6 KHz	0.1Vrms
THDR46-220K	22.0	84	0.72	500	14	79.6 KHz	0.1Vrms
THDR46-270K	27.0	77	0.78	400	13	79.6 KHz	0.1Vrms
THDR46-330K	33.0	74	0.87	400	12	79.6 KHz	0.1Vrms
THDR46-390K	39.0	70	0.90	400	11	79.6 KHz	0.1Vrms
THDR46-470K	47.0	65	0.98	400	10	79.6 KHz	0.1Vrms
THDR46-560K	56.0	58	1.50	3200	9.5	79.6 KHz	0.1Vrms

* "K" is tolerance code (* K= ± 10%)

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THDR001-1

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Part Number	Inductance (uH)	Q (Min)	DCR (ohm)max.	Idc (mA) max.	SRF (Min)	Test Conditions	
						Frequency	Level
THDR46-680K	68	55	1.90	300	9.0	79.6 KHz	0.1Vrms
THDR46-820K	82	53	2.50	300	8.6	79.6 KHz	0.1Vrms
THDR46-101K	100	56	3.00	200	7.0	79.6 KHz	0.1Vrms
THDR46-121K	120	70	3.80	200	6.3	79.6 KHz	0.1Vrms
THDR46-151K	150	63	4.50	200	5.7	79.6 KHz	0.1Vrms
THDR46-181K	180	40	5.0	200	5.30	79.6 KHz	0.1Vrms
THDR46-221K	220	40	5.8	200	5.00	79.6 KHz	0.1Vrms
THDR46-271K	270	40	6.5	150	4.50	79.6 KHz	0.1Vrms
THDR46-331K	330	40	7.0	150	4.00	79.6 KHz	0.1Vrms
THDR46-391K	390	40	7.7	150	3.80	79.6 KHz	0.1Vrms
THDR46-471K	470	40	8.0	120	3.50	79.6 KHz	0.1Vrms
THDR46-561K	560	40	8.5	120	3.20	79.6 KHz	0.1Vrms
THDR46-681K	680	40	9.5	120	3.00	79.6 KHz	0.1Vrms
THDR46-821K	820	40	15.0	100	2.80	79.6 KHz	0.1Vrms
THDR46-102K	1000	40	17.0	100	2.50	79.6 KHz	0.1Vrms
THDR46-122K	1200	40	20.0	80	2.30	79.6 KHz	0.1Vrms
THDR46-152K	1500	40	22.0	80	2.10	79.6 KHz	0.1Vrms
THDR46-182K	1800	40	25.0	70	1.80	79.6 KHz	0.1Vrms
THDR46-222K	2200	40	26.0	60	1.60	79.6 KHz	0.1Vrms
THDR46-272K	2700	40	46.0	40	1.36	79.6 KHz	0.1Vrms
THDR46-332K	3300	40	50.0	30	1.27	79.6 KHz	0.1Vrms
THDR46-392K	3900	40	54.0	30	1.20	79.6 KHz	0.1Vrms
THDR46-472K	4700	40	60.0	30	1.06	79.6 KHz	0.1Vrms
THDR46-562K	5600	40	65.0	30	1.02	79.6 KHz	0.1Vrms
THDR46-682K	6800	40	72.0	30	0.96	79.6 KHz	0.1Vrms
THDR46-822K	8200	40	80.0	20	0.93	79.6 KHz	0.1Vrms
THDR46-103K	10000	40	95.0	10	0.89	79.6 KHz	0.1Vrms

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