

TLVR090610 Series

Features

- High saturation characteristic core for large saturation current and low loss.
- Closed magnetic circuit design reduces leakage flux.
- High precision DCR.
- Halogen free, RoHS compliant.

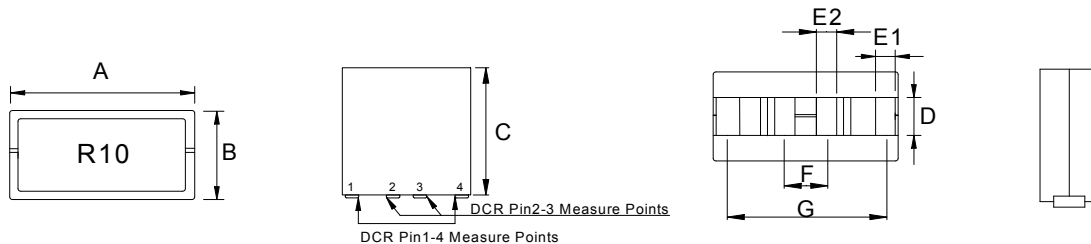
Applications

- Server, desktop computer, notebook.
- Graphics, memory.
- Industrial equipment, telecom base station.

Test Equipment and Conditions

- All test data is referenced to 25°C ambient.
- Operating temperature range -40°C to +125°C. (Including self - temperature rise)
- DC current(Irms) that will cause an approximate ΔT of 40°C.
- L1 @ 100kHz, 1.0Vrms, Isat.

External Dimensions (Unit:mm)



TYPE	A	B	C	D	E1	E2	F	G	Q'Ty / Reel
TLVR090610	9.3±0.3	6.1±0.3	10.2±0.3	3.2±0.3	1.15±0.3	0.6±0.3	2.2±0.3	7.85±0.3	500

Part Number Code

TLVR	0906	10	L	70N	HC
Series Name	Dimensions: L*W	Dimensions: H	Tolerance L:15%	Inductance	Internal controls

TLVR090610 Series

Part Number	L(nH) ±15%	L1 (nH)	DCR 1-4 (mΩ) ±10%	DCR 2-3 (mΩ) ±10%	Isat1 (Amp)	Isat2 (Amp)	Isat3 (Amp)	I _{rms} 1-4	I _{rms} 2-3
	@25℃	Min	@20℃	@20℃	@25℃	@100℃	@125℃	(Amp)	(Amp)
TLVR090610L70NHC	70	47.6	0.125	0.33	140	116	109	75	40
TLVR090610L90NHC	90	58	0.125	0.33	120	95	90	75	40
TLVR090610LR10HC	100	64	0.125	0.33	112	83	78	75	40
TLVR090610LR12HC	120	77	0.125	0.33	93	67	63	75	40
TLVR090610LR15HC	150	96	0.125	0.33	67	53	49	75	40
TLVR090610LR17HC	170	107	0.125	0.33	56	48	45	75	40
TLVR090610LR18HC	180	115	0.125	0.33	54	46	43	75	40
TLVR090610LR20HC	200	128	0.125	0.33	52	42	39	75	40
TLVR090610LR22HC	220	140	0.125	0.33	50	38	35	75	40