



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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SERIES

PTHFxxxxR-VM
PTKMxxxxR-VM
PTHF-VM
PTKM-VM



Vertical Toroidal Power Chokes



Actual Size
(PT**25-894VM)

- **Excellent electromagnetic shielding** performance for commercial and industrial applications
- **Cost-effective** design
- **For higher saturation levels**
use Series PTHF-VM
- Current rating from 1.69 to 14.5 amps
- Inductance values from 10 μ H to 1000 μ H

Physical Parameters on Next Page

Notes

- 1) Rated current is based on a 35°C temperature rise at an ambient temperature of 90°C.
- 2) Incremental current is the approximate value that will cause a percentage drop in inductance as indicated in the table.

*Complete part # must include series # PLUS the dash #
 For surface finish information, refer to www.delevanfinishes.com

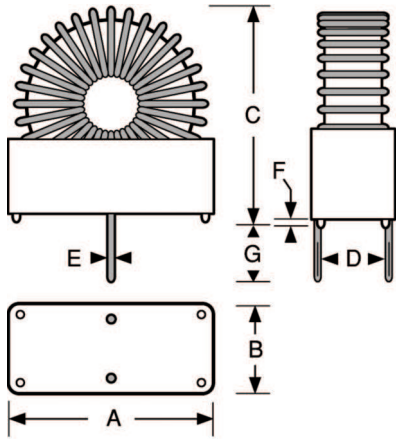
PART NUMBER*	INDUCTANCE (μ H) @ 1 kHz \pm 10%	RATED IDC (AMPS)	Δ L 10% dI/ADC	Δ L 20% dI/ADC	DC RESISTANCE MAXIMUM (OHMS)	SRF MINIMUM (MHz)
SERIES PTHF-VM HIGH SATURATION CORE						
PTHF10-50VM	10	7.36	6.00	8.70	0.010	35.0
PTHF25-50VM	25	5.20	3.60	5.30	0.020	10.0
PTHF50-50VM	50	3.93	2.00	3.10	0.035	4.0
PTHF75-50VM	75	3.47	1.60	2.50	0.045	3.5
PTHF100-50VM	100	3.14	1.50	2.20	0.055	2.5
PTHF150-50VM	150	2.33	1.20	1.80	0.100	1.5
PTHF200-50VM	200	1.97	1.00	1.60	0.140	1.3
PTHF250-50VM	250	1.84	0.90	1.40	0.160	1.0
PTHF330-50VM	330	1.69	0.80	1.20	0.190	0.8
PTHF10-121VM	10	8.27	9.00	14.00	0.010	20.0
PTHF25-121VM	25	6.34	7.00	10.50	0.017	6.5
PTHF50-121VM	50	4.77	3.90	6.00	0.030	3.5
PTHF75-121VM	75	3.90	3.90	5.80	0.045	2.5
PTHF100-121VM	100	3.24	3.40	4.70	0.065	2.0
PTHF150-121VM	150	2.68	3.30	4.80	0.095	1.5
PTHF250-121VM	250	2.07	2.20	3.20	0.160	1.0
PTHF10-59VM	10	14.50	15.00	20.00	0.008	10.0
PTHF25-59VM	25	9.80	11.00	16.00	0.011	8.0
PTHF50-59VM	50	6.90	8.30	12.00	0.022	3.5
PTHF75-59VM	75	5.90	6.70	9.10	0.030	2.5
PTHF100-59VM	100	4.90	6.50	8.20	0.044	2.0
PTHF150-59VM	150	4.50	4.20	6.00	0.052	1.0
PTHF250-59VM	250	3.50	4.00	5.60	0.088	0.9
PTHF500-59VM	500	2.60	2.70	3.80	0.160	0.7
PTHF750-59VM	750	2.10	1.80	2.70	0.240	0.5
PTHF25-894VM	25	12.80	13.50	20.00	0.012	8.0
PTHF50-894VM	50	9.90	10.80	15.20	0.016	4.0
PTHF75-894VM	75	8.00	8.00	12.00	0.023	2.5
PTHF100-894VM	100	8.00	7.10	10.60	0.023	2.0
PTHF150-894VM	150	6.50	6.00	9.00	0.035	1.0
PTHF250-894VM	250	5.00	4.60	6.80	0.060	0.9
PTHF500-894VM	500	3.40	3.10	4.60	0.131	0.7
PTHF750-894VM	750	3.00	2.70	4.00	0.160	0.6
PTHF1000-894VM	1000	2.40	2.30	3.50	0.235	0.4
SERIES PTKM-VM FERROUS ALLOY CORE						
PTKM10-50VM	10	7.36	1.70	3.30	0.010	35.0
PTKM25-50VM	25	5.20	1.00	1.90	0.020	10.0
PTKM50-50VM	50	3.93	0.70	1.30	0.035	4.0
PTKM75-50VM	75	3.47	0.60	1.10	0.045	3.5
PTKM100-50VM	100	3.14	0.50	0.96	0.055	2.5
PTKM150-50VM	150	2.33	0.40	0.78	0.100	1.5
PTKM200-50VM	200	1.97	0.35	0.65	0.140	1.3
PTKM250-50VM	250	1.84	0.31	0.59	0.160	1.0
PTKM330-50VM	330	1.69	0.27	0.50	0.190	0.8
PTKM10-121VM	10	8.27	5.30	9.10	0.010	20.0
PTKM25-121VM	25	6.34	3.30	5.70	0.017	6.5
PTKM50-121VM	50	4.77	2.30	4.00	0.030	3.5
PTKM75-121VM	75	3.90	1.80	3.10	0.045	2.5
PTKM100-121VM	100	3.24	1.60	2.80	0.065	2.0
PTKM150-121VM	150	2.68	1.30	2.20	0.095	1.5
PTKM250-121VM	250	2.07	0.90	1.70	0.160	1.0
PTKM10-59VM	10	14.50	7.60	13.00	0.008	10.0
PTKM25-59VM	25	9.80	4.70	8.30	0.011	8.0
PTKM50-59VM	50	6.90	3.30	5.70	0.022	3.5
PTKM75-59VM	75	5.90	3.00	4.90	0.030	2.5
PTKM100-59VM	100	4.90	2.40	4.20	0.044	2.0
PTKM150-59VM	150	4.50	1.90	3.40	0.052	1.0
PTKM250-59VM	250	3.50	1.50	2.70	0.088	0.9
PTKM500-59VM	500	2.60	1.10	1.80	0.160	0.7
PTKM750-59VM	750	2.10	0.90	1.60	0.240	0.5
PTKM25-894VM	25	12.80	6.60	11.00	0.012	8.0
PTKM50-894VM	50	9.90	4.20	7.40	0.016	4.0
PTKM75-894VM	75	8.00	3.70	6.40	0.023	2.5
PTKM100-894VM	100	8.00	3.50	6.00	0.023	2.0
PTKM150-894VM	150	6.50	2.30	4.30	0.035	1.0
PTKM250-894VM	250	5.00	1.90	3.20	0.060	0.9
PTKM500-894VM	500	3.40	1.40	2.50	0.131	0.7
PTKM750-894VM	750	3.00	1.20	2.10	0.160	0.6
PTKM1000-894VM	1000	2.40	1.00	1.80	0.235	0.4

SERIES

**PTHFxxxxR-VM & PTKMxxxxR-VM
PTHF-VM & PTKM-VM**



Vertical Toroidal Power Chokes



Physical Parameters

	Inches	Millimeters
F (Standoffs)	0.025	0.635
G (Lead length below standoff)	0.250 ± 0.062	6.35 ± 1.57

Other dimensions in table below

Electrical Information on Preceding Page

PART NUMBER	A Nominal		B Nominal		C Nominal		D Nominal		E Nominal	
	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm
PT**10-50VM	0.750	19.05	0.400	10.16	0.775	19.68	0.250	6.350	0.036	0.914
PT**25-50VM	0.750	19.05	0.400	10.16	0.775	19.68	0.250	6.350	0.032	0.813
PT**50-50VM	0.750	19.05	0.400	10.16	0.775	19.68	0.250	6.350	0.028	0.711
PT**75-50VM	0.750	19.05	0.400	10.16	0.775	19.68	0.250	6.350	0.025	0.635
PT**100-50VM	0.750	19.05	0.400	10.16	0.775	19.68	0.250	6.350	0.025	0.635
PT**150-50VM	0.750	19.05	0.400	10.16	0.775	19.68	0.250	6.350	0.020	0.508
PT**200-50VM	0.750	19.05	0.400	10.16	0.775	19.68	0.250	6.350	0.018	0.457
PT**250-50VM	0.750	19.05	0.400	10.16	0.775	19.68	0.250	6.350	0.018	0.457
PT**330-50VM	0.750	19.05	0.400	10.16	0.775	19.68	0.250	6.350	0.018	0.457
PT**10-121VM	0.800	20.32	0.500	12.70	0.950	24.13	0.350	8.890	0.040	1.016
PT**25-121VM	0.800	20.32	0.500	12.70	0.950	24.13	0.350	8.890	0.040	1.016
PT**50-121VM	0.800	20.32	0.500	12.70	0.950	24.13	0.350	8.890	0.036	0.914
PT**75-121VM	0.800	20.32	0.500	12.70	0.950	24.13	0.350	8.890	0.032	0.813
PT**100-121VM	0.800	20.32	0.500	12.70	0.975	24.76	0.350	8.890	0.028	0.711
PT**150-121VM	0.800	20.32	0.500	12.70	0.975	24.76	0.350	8.890	0.025	0.635
PT**250-121VM	0.800	20.32	0.500	12.70	0.975	24.76	0.350	8.890	0.023	0.584
PT**10-59VM	1.210	30.73	0.685	17.40	1.175	29.84	0.400	10.16	0.051	1.295
PT**25-59VM	1.210	30.73	0.685	17.40	1.175	29.84	0.400	10.16	0.051	1.295
PT**50-59VM	1.210	30.73	0.685	17.40	1.175	29.84	0.400	10.16	0.045	1.143
PT**75-59VM	1.210	30.73	0.685	17.40	1.175	29.84	0.400	10.16	0.040	1.016
PT**100-59VM	1.210	30.73	0.685	17.40	1.175	29.84	0.400	10.16	0.036	0.914
PT**150-59VM	1.210	30.73	0.685	17.40	1.175	29.84	0.400	10.16	0.036	0.914
PT**250-59VM	1.210	30.73	0.685	17.40	1.250	31.75	0.400	10.16	0.032	0.813
PT**500-59VM	1.210	30.73	0.685	17.40	1.250	31.75	0.400	10.16	0.028	0.711
PT**750-59VM	1.210	30.73	0.685	17.40	1.250	31.75	0.400	10.16	0.025	0.635
PT**25-894VM	1.450	36.83	0.825	20.95	1.400	35.56	0.600	15.24	0.051	1.295
PT**50-894VM	1.450	36.83	0.825	20.95	1.400	35.56	0.600	15.24	0.051	1.295
PT**75-894VM	1.450	36.83	0.825	20.95	1.400	35.56	0.600	15.24	0.051	1.295
PT**100-894VM	1.450	36.83	0.825	20.95	1.400	35.56	0.600	15.24	0.051	1.295
PT**150-894VM	1.450	36.83	0.825	20.95	1.400	35.56	0.600	15.24	0.045	1.143
PT**250-894VM	1.450	36.83	0.825	20.95	1.400	35.56	0.600	15.24	0.040	1.016
PT**500-894VM	1.450	36.83	0.825	20.95	1.475	37.46	0.600	15.24	0.032	0.813
PT**750-894VM	1.450	36.83	0.825	20.95	1.475	37.46	0.600	15.24	0.032	0.813
PT**1000-894VM	1.450	36.83	0.825	20.95	1.475	37.46	0.600	15.24	0.028	0.711

**Insert HF or KM for complete Part Number

*Complete part # must include series # PLUS the dash #

For surface finish information, refer to www.delevanfinishes.com