



TR SERIES

High Current Vertical Horizontal Toroidal Cores

FEATURES

- High saturation material
- Wide inductance range
- High current capability
- Long term stability
- High reliability
- Low DC resistance

OPTIONS

- Packaging :Bulk is standard
- Tolerance:20% is standard, tighter tolerances available
- Mounting:(V)ertical is standard, (H)orizonatl available
- Inductance :Optional request available

APPLICATIONS

- Switching Regulators
- Automotive Systems
- Power Amplifiers
- Power Supplies
- SCR and Triac Controls
- Speaker Crossover Networks
- EMI/RFI suppression
- Filters

Part Number	Inductance μ H	I Rated A	ϕ mm	W mm	Wire AWG	Clip Mount	Part Number	Inductance μ H	I Rated A	ϕ mm	W mm	Wire AWG	Clip Mount
TR30-100M	10	2.5	10.5	5.5	24	KM-1	TR80-250M	25	6	28	9.5	16	-
TR44-100M	10	3	14.2	8.5	20	KM-2	TR80-101M	100	5	25	12	18	KM-4
TR44-121M	120	1.1	14.2	7.5	23	KM-2	TR80-251M	250	3	25	12	20	-
TR44-102M	1000	0.5	14.2	6	30	KM-2	TR80-961 M	960	1	24	11	25	KM-4
TR50-5R0M	5	5	15.2	9.5	18	-	TR80-822M	8200	1	28	10	20	-
TR50-100M	10	3	16.5	8.5	18	KM-3	TR80-100M	10	5	27.9	12.7	17	KM-5
TR50-250M	25	2.5	13.5	6.5	23	KM-3	TR94-251M	250	5	29	10	18	KM-5
TR50-101M	100	2	15.5	8.5	22	KM-3	TR94-501M	500	6	29	15.5	16	KM-5
TR50-251 M	250	1	16	8	24	KM-3	TR94-751 M	750	4.5	30.5	12.7	19	KM-5
TR50-331 M	330	1	16.5	9	26	-	TR94-102M	1000	4	29.2	15	20	KM-5
TR60-250M	25	2.5	17.7	8.8	24	KM-3	TR106-500M	50	7	33	16	15	-
TR67-500M	50	5.5	22	11	18	KM-4	TR106-101M	100	5	33.5	17.5	16	-
TR67-101M	100	5	21	13	18	KM-4	TR106-201M	200	3	32	14	22	-
TR67-100M	10	2.5	20	7.5	23	KM-4	TR106-471M	470	6	35	21	16	-
TR68-250M	25	6	20.8	8.2	18	KM-4	TR130-121M	120	10	42	21	12	-
TR68-500M	50	5	21	8.2	18	KM-4	TR130-251M	250	8	40	20	14	-
TR68-251M	250	3	22	10	19	-	TR130-561M	560	5	36.8	22.2	18	-
TR72-102M	1000	1	21.5	9	21	KM-4	TR141-100M	10	10	44	18	12	-
TR77-501M	500	2	23.7	11	22	-							

* Please specify (V) for vertical or (H) for horizontal. (-)

- Testing: (Equivalent acceptable)

Inductance: Measured at 1kHz 0.1V HP4284A

RDC: QuadTech 1880 Milliohmeter

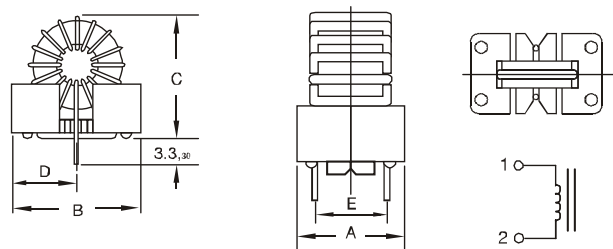
- IDC Max: Losers inductance by 10%

Temperature range: -55°C to +125°C

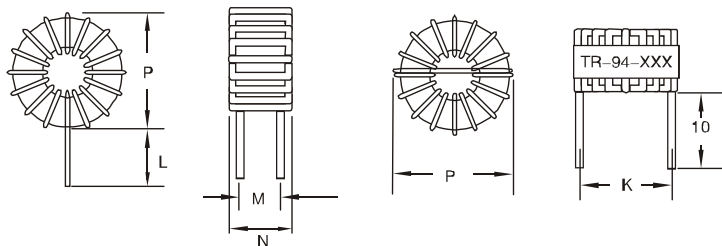
-55°C to +85°C at full rated current

- Mounting: Add (V), (H) as Suffix to Part Number

Note: All specifications subject to change without notice.



Standard Package



Vertical Package

Low profile Package

Clip Mount	A Max	B Max	C Max	D Typical	E Typical
Km1	8.7	14.8	16.5	7.37	5.6
Km2	11.5	16.5	17.8	8.26	7.6
Km3	11.5	21.5	24.5	10.54	7.6
Km4	15.5	24.6	28.0	12.07	11.5
Km5	17.8	33.5	35.5	15.88	12.7

All dimension in mm