

HIGH CURRENT VERTICAL/HORIZONTAL TOROIDAL COILS

YCTR Series

FEATURES:

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

COMMON APPLICATIONS:

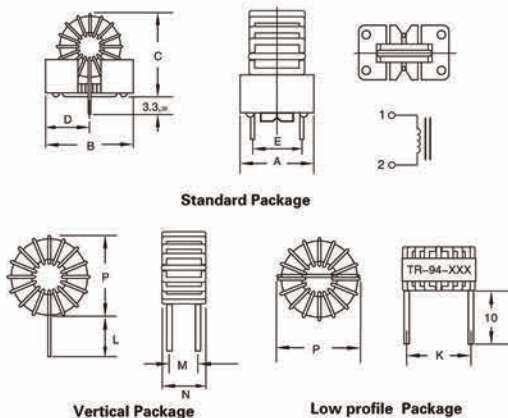
- Switching Regulators
- Automotive Systems
- Power Amplifiers
- Power Supplies
- SCR and Triac Controls
- Speaker Crossover Networks
- EMI/RFI suppression
- Filters

OPTIONS:

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

PHYSICAL CHARACTERISTICS

- Testing: (Equivalent acceptable)
Inductance:Measured at 1kHz 0.1V HP4284A
RDC:QuadTech 1880 Milliohm meter
 - 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.



Klip 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

ELECTRICAL CHARACTERISTICS

Part Number	Inductance (μH)	I Rated (A)	Dia. (mm)	Width (mm)	Wire (AWG)	Klip Mount
YCTR30-100M	10	2.5	10.5	5.5	24	KM-1
YCTR44-100M	10	3.0	14.2	8.5	20	KM-2
YCTR44-121M	120	1.1	14.2	7.5	23	KM-2
YCTR44-102M	1000	.50	14.2	6.0	30	KM-2
YCTR50-5R0M	5.0	5.0	15.2	9.5	18	-
YCTR50-100M	10	3.0	16.5	8.5	18	KM-3
YCTR50-250M	25	2.5	13.5	6.5	23	KM-3
YCTR50-101M	100	2.0	15.5	8.5	22	KM-3
YCTR50-251M	250	1.0	16.0	8.0	24	KM-3
YCTR50-331M	330	1.0	16.5	9.0	26	-
YCTR60-250M	25	2.5	17.7	8.8	24	KM-3
YCTR67-500M	50	5.5	22.0	11.0	18	KM-4
YCTR67-101M	100	5.0	21.0	13.0	18	KM-4
YCTR67-100M	10	2.5	20.0	7.5	23	KM-4
YCTR68-250M	25	6.0	20.8	8.2	18	KM-4
YCTR68-500M	50	5.0	21.0	8.2	18	KM-4
YCTR68-251M	250	3.0	22.0	10.0	19	-
YCTR72-102M	1000	1.0	21.5	9.0	21	KM-4
YCTR77-501M	500	2.0	23.7	11.0	22	-
YCTR80-250M	25	6.0	28.0	9.5	16	-
YCTR80-101M	100	5.0	25.0	12.0	18	KM-4
YCTR80-251M	250	3.0	25.0	12.0	20	-
YCTR80-961M	960	1.0	24.0	11.0	25	KM-4
YCTR80-822M	8200	1.0	28.0	10.0	20	-
YCTR94-100M	10	5.0	27.9	12.7	17	KM-5
YCTR94-251M	250	5.0	29.0	10.0	18	KM-5
YCTR94-501M	500	6.0	29.0	15.5	16	KM-5
YCTR94-751M	750	4.5	30.5	12.7	19	KM-5
YCTR94-102M	1000	4.0	29.2	15.0	20	KM-5
YCTR106-500M	50	7.0	33.0	16.0	15	-
YCTR106-101M	100	5.0	33.5	17.5	16	-
YCTR106-201M	200	3.0	32.0	14.0	22	-
YCTR106-471M	470	6.0	35.0	21.0	16	-
YCTR130-121M	120	10.0	42.0	21.0	12	-
YCTR130-251M	250	8.0	40.0	20.0	14	-
YCTR130-561M	560	5.0	36.8	22.2	18	-
YCTR141-100M	10	10.0	44.0	18.0	12	-

Plase specify(V)for vertical or(H)for horizontal.(--)