









## SPECIFICATIONS

### WTX0430T Series

Part Number	Inductance	DC Resistance		Self-resonant Frequency	Saturation Current		Heat Rating Current	
	@1MHz,1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μH	mΩ		MHz	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
WTX0430TR33MT	0.33±20%	2.2	2.0	76.4	18.80	21.40	19.40	22.40
WTX0430TR47MT	0.47±20%	3.1	2.6	62.4	15.60	17.70	17.00	19.60
WTX0430TR68MT	0.68±20%	3.9	3.5	50.0	14.30	16.30	14.10	16.20
WTX0430T1R0MT	1.0±20%	5.7	5.2	42.7	11.90	13.50	12.60	14.50
WTX0430T1R5MT	1.5±20%	8.6	7.8	33.7	9.60	11.00	9.80	11.30
WTX0430T2R2MT	2.2±20%	11.8	10.7	24.5	7.10	8.10	9.00	10.30
WTX0430T3R3MT	3.3±20%	17.7	16.1	21.6	5.30	5.80	8.00	8.30
WTX0430T4R7MT	4.7±20%	23.4	21.3	18.6	4.80	5.50	6.10	7.00
WTX0430T6R8MT	6.8±20%	37.4	34.0	14.3	4.10	4.80	4.60	5.30

### WTX0614H Series

Part Number	Inductance	DC Resistance		Self-resonant Frequency	Saturation Current		Heat Rating Current	
	@100KHz,1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μH	mΩ		MHz	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
WTX0614H2R2LT	2.2±15%	34	30	31.2	6.00	6.60	4.20	4.60
WTX0614H3R3KT	3.3±10%	55	50	14.9	5.00	5.50	3.50	3.80

### WTX0615T Series

Part Number	Inductance	DC Resistance		Self-resonant Frequency	Saturation Current		Heat Rating Current	
	@1.5MHz,1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μH	mΩ		MHz	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
WTX0615TR28MT	0.28±20%	4.5	3.7	57.3	23.00	26.50	18.00	20.00
WTX0615T1R0MT	1.0±20%	11.5	9.5	25.3	11.00	13.00	11.50	12.80

### WTX0624H Series

Part Number	Inductance	DC Resistance		Self-resonant Frequency	Saturation Current		Heat Rating Current	
	@100KHz,1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μH	mΩ		MHz	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
WTX0624H-R56MTW01	0.56±20%	6.5	5.5	40.5	22.00	25.00	11.70	13.00

### WTX0630H Series

Part Number	Inductance	DC Resistance		Self-resonant Frequency	Saturation Current		Heat Rating Current	
	@100KHz,1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μH	mΩ		MHz	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
WTX0630HR10MT	0.1±20%	0.8	0.72	107.1	64.00	73.00	27.00	40.00

## SPECIFICATIONS

### WTX0717T Series

Part Number	Inductance	DC Resistance		Self-resonant Frequency	Saturation Current		Heat Rating Current	
	@1.5MHz,1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μH	mΩ		MHz	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
WTX0717T1R4MT	1.4±20%	10.8	9.0	17.9	12.00	14.00	11.70	13.00

### WTXE1330T Series

Part Number	Inductance	DC Resistance		Self-resonant Frequency	Saturation Current		Heat Rating Current	
	@1MHz,1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μH	mΩ		MHz	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
WTXE1330T1R0MT	1.0±20%	2.91	2.47	16.1	25.00	30.00	17.00	20.00
WTXE1330T1R5MT	1.5±20%	3.0	2.5	10.7	21.00	23.00	17.00	20.00

Note1: Inductance with tolerance of ±20% or other value is also available. Please contact your local sales.

※1 : All test data is referenced to 25°C ambient;

※2 : Rated current: Isat or Irms, whichever is smaller;

※3 : Isat: DC current at which the inductance drops approximate 30% from its value without current;

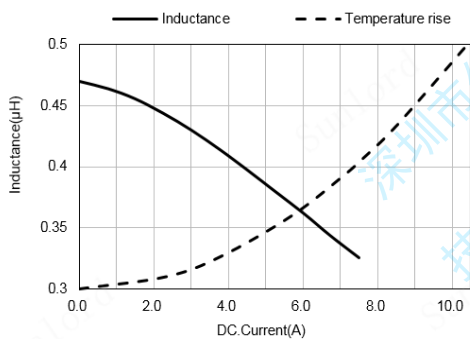
※4 : Irms: DC current that causes the temperature rise ( $\Delta T = 40^\circ\text{C}$ ) from 25°C ambient.

## TYPICAL ELECTRICAL CHARACTERISTICS

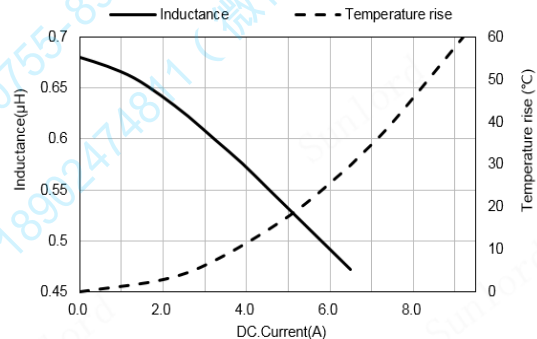
### WTXE322512T Series

#### Inductance & Temperature vs. DC Current Characteristics

WTXE322512TR47MT

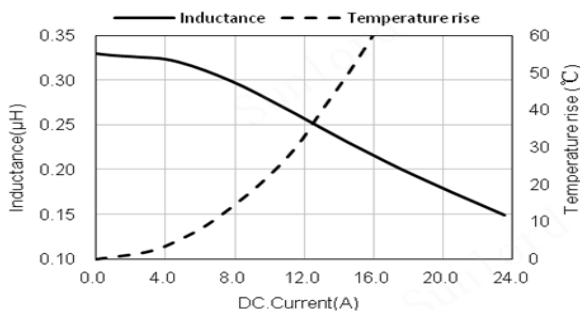


WTXE322512TR68MT

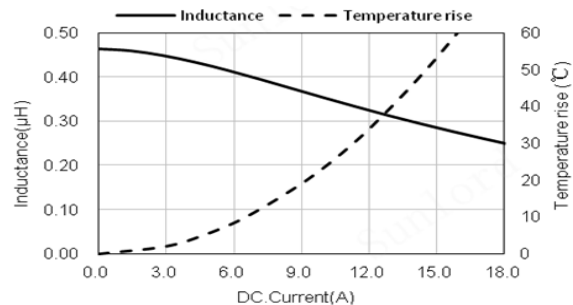


### WTH0415T Series

WTH0415TR33MT



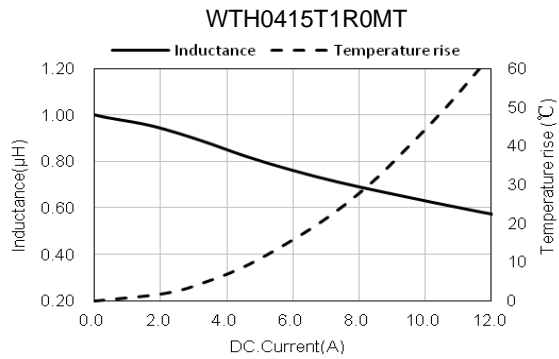
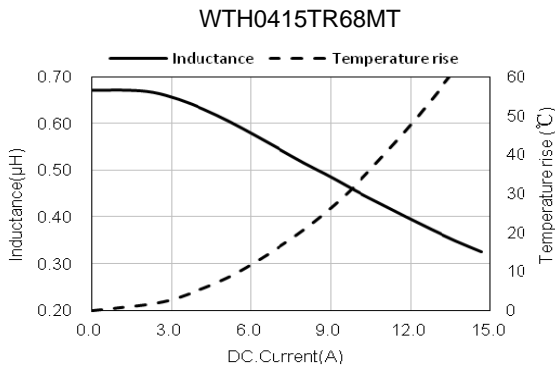
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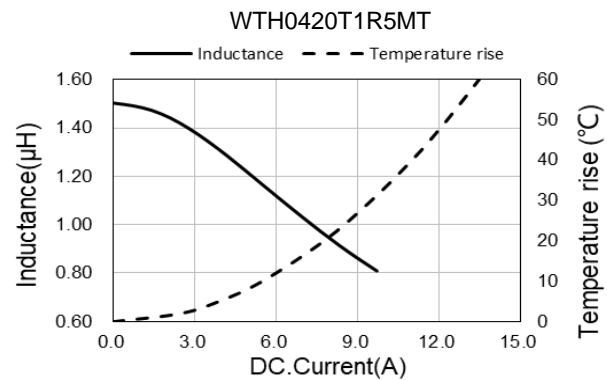
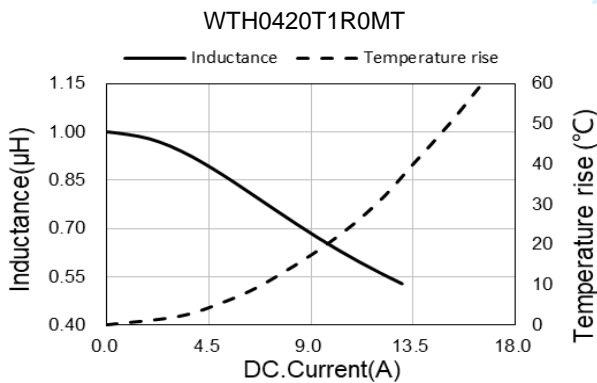
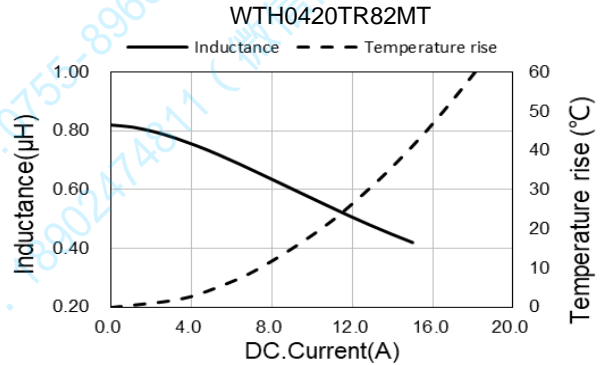
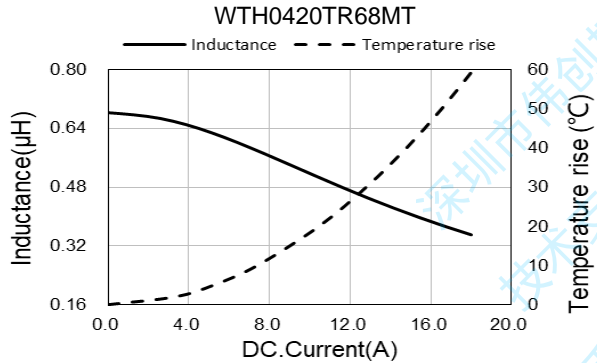
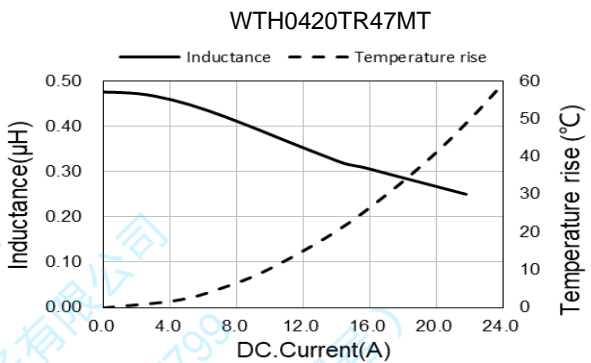
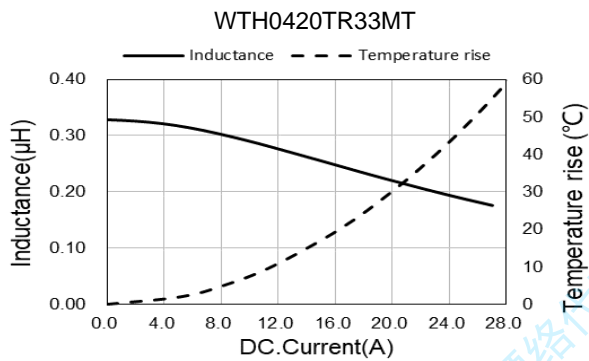
# TYPICAL ELECTRICAL CHARACTERISTICS

WTH0415T Series

## Inductance & Temperature vs. DC Current Characteristics



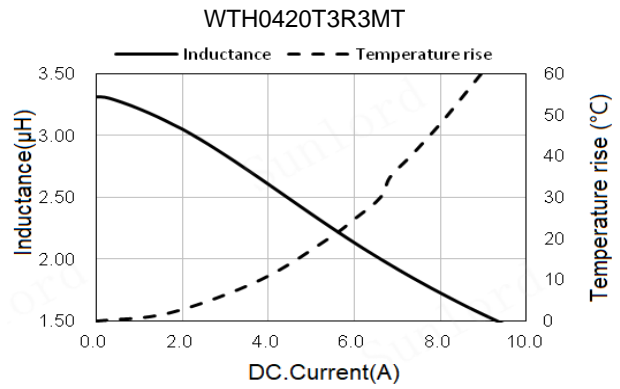
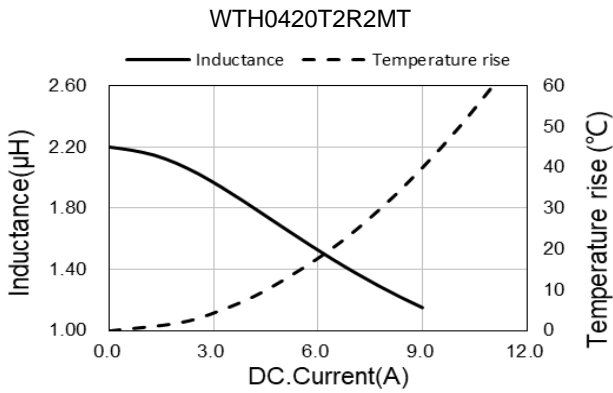
WTH0420T Series



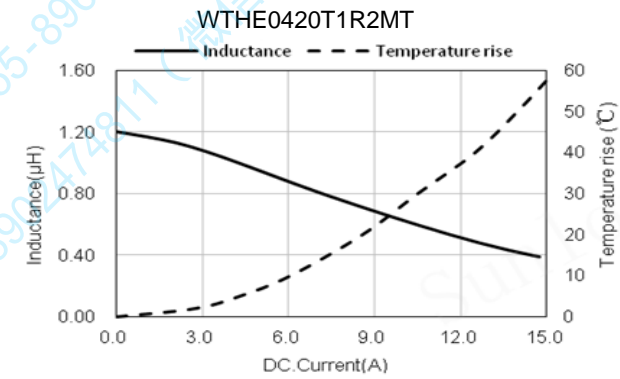
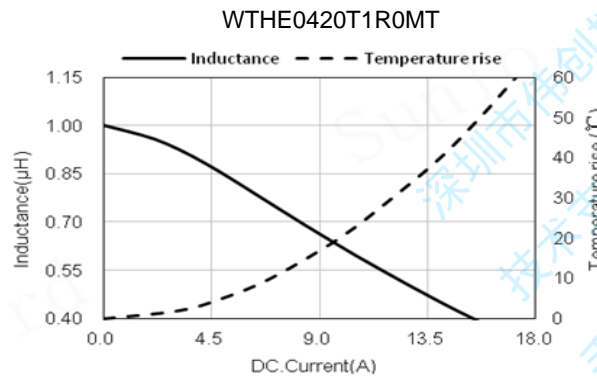
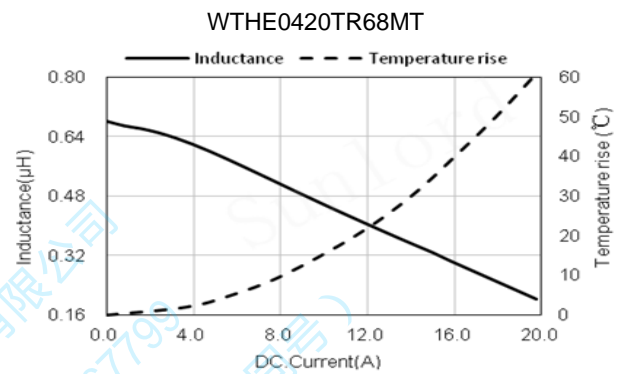
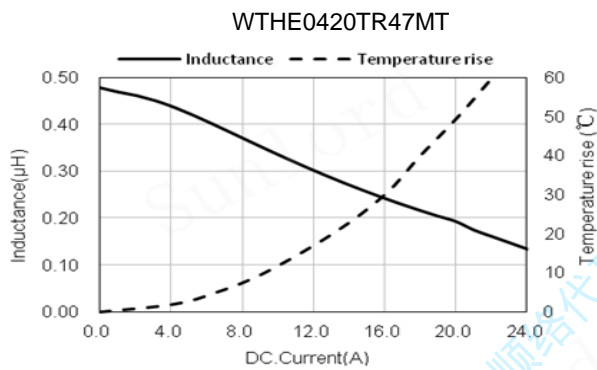
# TYPICAL ELECTRICAL CHARACTERISTICS

## WTH0420T Series

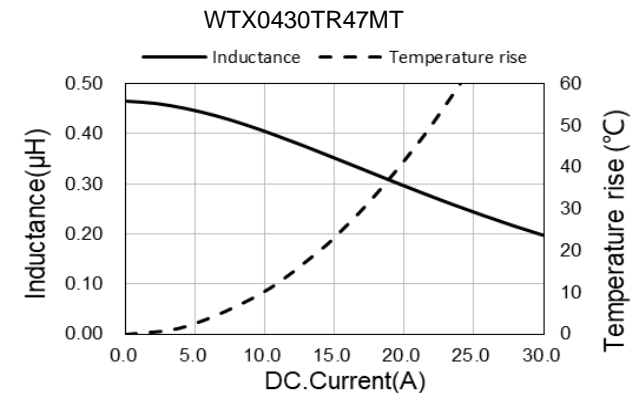
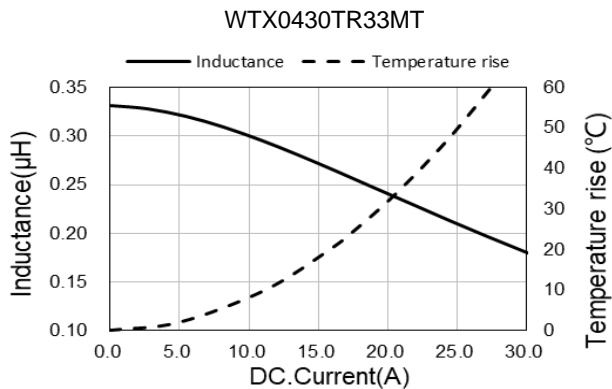
### Inductance & Temperature vs. DC Current Characteristics



## WTHE0420T Series



## WTX0430T Series





# TYPICAL ELECTRICAL CHARACTERISTICS

WTX0430T Series

Inductance & Temperature vs. DC Current Characteristics

