

Flat Wire Assembly Inductor-TRCP Series

The Flat Wire Assembly Inductor is designed with a professional flat wire winding and precision assembly process. It has the advantages of compact structure, high power density, low high-frequency loss and strong anti-interference performance.



Features



- Low profile, high power, low loss, low DCR, high current
- Compact, high-performance core & flat wire
- Robust structure & excellent noise suppression
- RoHS & halogen-free

Applications

- DC-DC Converters
- High-Current Switching Regulators
- Energy storage system

Operating Temp

- -55°C~+155°C

Product Identification

1	2	3	4	5	6	7
TRCP	070703	SA	XXX	M	T	Q

1	Product Symbol
TRCP	SMD Power Inductor

3	Internal Code
SA	Alloy Powder

2	External Dimensions(mm)
070703	6.9*6.9*3.0
070704	6.9*6.9*3.7
070705	6.9*6.9*4.7
101003	10.2*10.2*3.3
101004	10.2*10.2*4.0
101005	10.2*10.2*4.7
101006	10.2*10.2*5.7
131303	12.8*12.8*3.2
131305	12.8*12.8*4.7
131306	12.8*12.8*6.2
131307	12.8*12.8*7.3
161607	16.0*16.0*6.7
161609	16.0*16.0*8.8
181809	18.2*18.2*8.9
222212	22.0*22.0*12.0

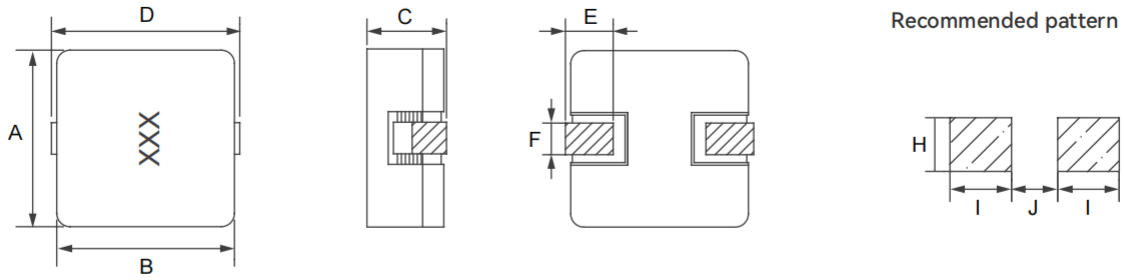
4	Nominal Inductance
R47	0.47μH
1R0	1.0μH
100	10μH
101	100μH

5	Inductance Tolerance
M	±20%

6	Packing
T	Tape Carrier Package

7	Internal Code
Q	Automotive grade

Shape and Dimensions



Recommended pattern

Dimensions

Unit:mm

Series	A	B	C	D	E	F	H	I	J
TRCP070703SA	6.9±0.3	6.9±0.3	3.0±0.3	7.0±0.5	1.8±0.3	1.4±0.3	2.2	2.7	2.4
TRCP070704SA	6.9±0.3	6.9±0.3	3.7±0.3	7.0±0.5	1.8±0.3	1.4±0.3	2.2	2.7	2.4
TRCP070705SA	6.9±0.3	6.9±0.3	4.7±0.3	7.0±0.5	1.8±0.3	1.4±0.3	2.2	2.7	2.4
TRCP101003SA	10.2±0.5	10.2±0.5	3.3±0.3	11.2Max	2.5±0.5	2.0±0.3	4.0	3.9	3.8
TRCP101004SA	10.2±0.5	10.2±0.5	4.0±0.3	11.2Max	2.5±0.5	F±0.3	4.0	3.9	3.8
TRCP101005SA	10.2±0.5	10.2±0.5	4.7±0.3	11.2Max	2.5±0.5	2.0±0.3	4.0	3.9	3.8
TRCP101006SA	10.2±0.5	10.2±0.5	5.7±0.3	11.2Max	2.5±0.5	F±0.3	4.0	3.9	3.8
TRCP131303SA	12.8±0.5	12.8±0.5	3.2±0.3	13.8Max	3.0±0.5	F±0.3	5.0	4.5	6.0
TRCP131305SA	12.8±0.5	12.8±0.5	4.7±0.3	13.8Max	3.0±0.5	2.5±0.3	5.0	4.5	6.0
TRCP131306SA	12.8±0.5	12.8±0.5	6.2±0.3	13.8Max	3.0±0.5	F±0.3	5.0	4.5	6.0
TRCP131307SA	12.8±0.5	12.8±0.5	7.3±0.3	13.8Max	3.0±0.5	F±0.3	5.0	4.5	6.0
TRCP161607SA	16.0±0.5	16.0±0.5	6.7±0.3	16.8Max	3.5±0.5	3.2±0.5	4.5	5.0	8.0
TRCP161609SA	16.0±0.5	16.0±0.5	8.8±0.3	16.8Max	3.5±0.5	3.2±0.5	4.5	5.0	8.0
TRCP181809SA	18.2±0.5	18.2±0.5	8.9±0.3	19.3Max	4.5±0.5	F±0.3	6.0	6.0	7.3
TRCP222212SA	22.0±0.5	22.0±0.5	12.0±0.4	22.5±1.0	5.5±1.0	F±0.3	5.5	7.0	9.5

Remarks:

Series	F(mm)	Inductance
TRCP101004SA	2.5	R18/R38/R66
	2.0	1R0/1R5/2R2/2R7/3R5/4R5/5R6/6R8
TRCP101006SA	2.5	R38/1R0/1R5/2R2
	2.0	2R9/3R8/4R7/5R6/6R8/8R2/100/150/220/270
TRCP131303SA	2.5	R25/R68/1R2/2R2/3R3
	2.0	4R7/5R6
TRCP131306SA	2.5	R20/R47/R85/1R3/2R0/2R7/3R6/4R7/5R8/7R3/9R2/110/130/150/180/220/270/330
	2.0	390/470
TRCP131307SA	2.5	R60/1R0/1R5/2R2/3R3/4R7/5R6/6R8/8R2/100/120/150/180/220/270/330/390
	2.0	470/560
TRCP181809SA	4.0	R82/1R3/2R0/2R7/3R6/4R7/5R6/6R8/8R5/100/150
	3.5	220
	3.2	330/470/560
TRCP222212SA	4.0	3R3/4R7/6R8/8R2/100/120/150/220/330
	3.5	390/470/560
	3.2	680/820/101

Specification

TRCP070703SA Series

Part Number	Inductance	Saturation Current	Heat Rating Current	DC Resistance	
	L (μH)	Isat(A)	Irms(A)	DCR(mΩ)	
	±20 %	Typ.	Typ.	Max.	Typ.
TRCP070703SAR10MTQ	0.10	70.00	23.00	0.90	0.78
TRCP070703SAR22MTQ	0.22	48.00	19.00	1.82	1.58
TRCP070703SAR47MTQ	0.47	34.00	14.50	3.91	3.40
TRCP070703SA1R0MTQ	1.0	18.50	11.50	6.50	5.63
TRCP070703SA1R5MTQ	1.5	15.00	8.70	9.10	7.90
TRCP070703SA2R2MTQ	2.2	12.00	7.80	12.40	10.80

TRCP070704SA Series

Part Number	Inductance	Saturation Current	Heat Rating Current	DC Resistance	
	L (μH)	Isat(A)	Irms(A)	DCR(mΩ)	
	±20 %	Typ.	Typ.	Max.	Typ.
TRCP070704SAR24MTQ	0.24	45.00	21.00	1.20	1.00
TRCP070704SAR47MTQ	0.47	35.00	19.00	1.90	1.66
TRCP070704SAR68MTQ	0.68	30.00	17.50	3.20	2.72
TRCP070704SA1R0MTQ	1.0	24.00	15.50	4.50	3.90
TRCP070704SA1R5MTQ	1.5	18.00	11.50	6.20	5.40
TRCP070704SA2R2MTQ	2.2	16.00	9.00	12.10	10.50
TRCP070704SA3R5MTQ	3.5	14.00	6.80	17.30	15.00
TRCP070704SA4R7MTQ	4.7	11.00	6.40	21.20	18.40
TRCP070704SA5R6MTQ	5.6	9.50	5.50	23.00	20.10
TRCP070704SA6R5MTQ	6.5	8.20	4.60	36.20	31.50

TRCP070705SA Series

Part Number	Inductance	Saturation Current	Heat Rating Current	DC Resistance	
	L (μH)	Isat(A)	Irms(A)	DCR(mΩ)	
	±20 %	Typ.	Typ.	Max.	Typ.
TRCP070705SAR25MTQ	0.25	60.00	21.00	1.00	0.88
TRCP070705SAR47MTQ	0.47	39.00	18.00	1.56	1.36
TRCP070705SA1R0MTQ	1.0	27.00	15.00	4.10	3.55
TRCP070705SA1R5MTQ	1.5	22.50	13.50	4.75	4.10
TRCP070705SA2R0MTQ	2.0	19.50	11.80	6.40	5.57
TRCP070705SA2R7MTQ	2.7	16.50	10.30	8.20	7.10
TRCP070705SA3R3MTQ	3.3	15.30	9.00	9.80	8.50
TRCP070705SA3R9MTQ	3.9	14.00	8.00	14.20	12.30
TRCP070705SA4R7MTQ	4.7	12.70	6.50	17.00	14.80
TRCP070705SA5R6MTQ	5.6	11.40	6.20	22.10	19.20
TRCP070705SA6R8MTQ	6.8	10.30	6.00	23.60	20.50
TRCP070705SA7R6MTQ	7.6	8.30	6.00	23.60	20.50
TRCP070705SA8R8MTQ	8.8	7.90	4.80	24.90	21.60
TRCP070705SA100MTQ	10	7.40	4.40	30.50	26.50
TRCP070705SA130MTQ	13	6.50	3.10	44.40	38.60

TRCP101003SA Series

Part Number	Inductance	Saturation Current	Heat Rating Current	DC Resistance	
	L (μH)	Isat(A)	Irms(A)	DCR(mΩ)	
	±20 %	Typ.	Typ.	Max.	Typ.
TRCP101003SAR20MTQ	0.20	65.00	22.00	0.95	0.82
TRCP101003SAR47MTQ	0.47	40.00	18.00	2.50	2.15
TRCP101003SA1R0MTQ	1.0	25.00	15.00	4.70	4.08
TRCP101003SA1R5MTQ	1.5	22.00	12.00	7.60	6.58
TRCP101003SA2R2MTQ	2.2	18.00	9.00	13.30	11.50
TRCP101003SA2R5MTQ	2.5	15.00	9.00	13.30	11.50

TRCP101004SA Series

Part Number	Inductance	Saturation Current	Heat Rating Current	DC Resistance	
	L (μH)	Isat(A)	Irms(A)	DCR(mΩ)	
	±20 %	Typ.	Typ.	Max.	Typ.
TRCP101004SAR18MTQ	0.18	80.00	30.00	0.70	0.61
TRCP101004SAR38MTQ	0.38	65.00	22.00	1.28	1.11
TRCP101004SAR66MTQ	0.66	50.00	18.00	2.20	1.84
TRCP101004SA1R0MTQ	1.0	41.00	16.00	3.50	3.01
TRCP101004SA1R5MTQ	1.5	33.00	14.00	5.50	4.64
TRCP101004SA2R2MTQ	2.2	28.00	11.00	7.90	6.90
TRCP101004SA2R7MTQ	2.7	22.00	11.00	7.90	6.90
TRCP101004SA3R5MTQ	3.5	19.00	9.50	10.00	8.65
TRCP101004SA4R5MTQ	4.5	16.00	8.00	13.00	11.30
TRCP101004SA5R6MTQ	5.6	14.50	7.20	15.80	13.70
TRCP101004SA6R8MTQ	6.8	13.00	5.60	23.60	20.50

TRCP101005SA Series

Part Number	Inductance	Saturation Current	Heat Rating Current	DC Resistance	
	L (μH)	Isat(A)	Irms(A)	DCR(mΩ)	
	±20 %	Typ.	Typ.	Max.	Typ.
TRCP101005SAR18MTQ	0.18	80.00	32.00	0.55	0.45
TRCP101005SAR39MTQ	0.39	55.00	24.00	0.77	0.67
TRCP101005SAR82MTQ	0.82	36.00	23.00	1.50	1.26
TRCP101005SA1R2MTQ	1.2	32.00	19.00	2.35	2.05
TRCP101005SA1R8MTQ	1.8	27.00	17.00	3.45	2.98
TRCP101005SA2R5MTQ	2.5	23.00	15.00	4.70	4.06
TRCP101005SA3R3MTQ	3.3	19.00	13.00	6.50	5.37
TRCP101005SA4R2MTQ	4.2	17.00	11.00	8.50	7.11
TRCP101005SA5R6MTQ	5.6	14.00	10.30	9.90	8.62
TRCP101005SA6R8MTQ	6.8	12.50	9.00	12.10	10.50
TRCP101005SA8R2MTQ	8.2	11.50	8.10	15.10	13.10
TRCP101005SA100MTQ	10	10.20	7.10	18.90	16.40
TRCP101005SA150MTQ	15	8.75	5.50	29.80	25.90
TRCP101005SA180MTQ	18	8.30	5.00	39.90	34.70

TRCP101006SA Series

Part Number	Inductance	Saturation Current	Heat Rating Current	DC Resistance	
	L (μH)	Isat(A)	Irms(A)	DCR(mΩ)	
	±20 %	Typ.	Typ.	Max.	Typ.
TRCP101006SAR38MTQ	0.38	70.00	25.00	0.77	0.67
TRCP101006SA1R0MTQ	1.0	40.00	21.00	1.90	1.65
TRCP101006SA1R5MTQ	1.5	34.00	19.00	2.85	2.47
TRCP101006SA2R2MTQ	2.2	29.00	16.00	4.20	3.60
TRCP101006SA2R9MTQ	2.9	26.00	14.00	5.15	4.45
TRCP101006SA3R8MTQ	3.8	22.00	12.00	6.77	5.89
TRCP101006SA4R7MTQ	4.7	21.00	10.80	8.15	7.08
TRCP101006SA5R6MTQ	5.6	18.00	9.60	10.60	9.23
TRCP101006SA6R8MTQ	6.8	16.50	8.70	12.50	10.90
TRCP101006SA8R2MTQ	8.2	15.00	7.80	15.60	13.60
TRCP101006SA100MTQ	10	12.50	6.20	18.70	16.30
TRCP101006SA150MTQ	15	10.50	5.60	24.00	20.90
TRCP101006SA220MTQ	22	8.80	4.50	36.30	31.60
TRCP101006SA270MTQ	27	8.00	4.00	48.50	42.20

TRCP131303SA Series

Part Number	Inductance	Saturation Current	Heat Rating Current	DC Resistance	
	L (μH)	Isat(A)	Irms(A)	DCR(mΩ)	
	±20 %	Typ.	Typ.	Max.	Typ.
TRCP131303SAR25MTQ	0.25	70.00	24.00	0.90	0.78
TRCP131303SAR68MTQ	0.68	45.00	22.00	1.82	1.60
TRCP131303SA1R2MTQ	1.2	32.00	17.00	3.35	2.90
TRCP131303SA2R2MTQ	2.2	22.00	14.00	6.55	5.70
TRCP131303SA3R3MTQ	3.3	18.00	12.00	9.45	8.20
TRCP131303SA4R7MTQ	4.7	15.20	9.00	13.50	11.70
TRCP131303SA5R6MTQ	5.6	14.50	6.80	21.90	19.00

TRCP131305SA Series

Part Number	Inductance	Saturation Current	Heat Rating Current	DC Resistance	
	L (μH)	Isat(A)	Irms(A)	DCR(mΩ)	
	±20 %	Typ.	Typ.	Max.	Typ.
TRCP131305SAR19MTQ	0.19	100.00	32.00	0.55	0.48
TRCP131305SAR45MTQ	0.45	72.00	26.00	1.05	0.90
TRCP131305SAR82MTQ	0.82	55.00	24.00	1.85	1.60
TRCP131305SA1R0MTQ	1.0	51.00	25.00	1.65	1.43
TRCP131305SA1R6MTQ	1.6	43.00	22.00	2.65	2.30
TRCP131305SA2R2MTQ	2.2	35.00	18.00	3.88	3.37
TRCP131305SA3R3MTQ	3.3	30.00	16.50	5.35	4.64
TRCP131305SA4R5MTQ	4.5	26.00	14.00	7.50	6.46
TRCP131305SA5R6MTQ	5.6	23.00	12.00	9.20	8.00
TRCP131305SA6R8MTQ	6.8	20.50	10.30	11.80	10.30
TRCP131305SA8R2MTQ	8.2	17.50	10.30	11.80	10.30
TRCP131305SA100MTQ	10	16.00	8.80	15.50	13.50

TRCP131306SA Series

Part Number	Inductance	Saturation Current	Heat Rating Current	DC Resistance	
	L (μH)	Isat(A)	Irms(A)	DCR(mΩ)	
	±20 %	Typ.	Typ.	Max.	Typ.
TRCP131306SAR20MTQ	0.20	>110	36.00	0.37	0.32
TRCP131306SAR47MTQ	0.47	90.00	32.00	0.75	0.65
TRCP131306SAR85MTQ	0.85	63.00	26.00	1.05	0.90
TRCP131306SA1R3MTQ	1.3	50.00	25.00	1.95	1.69
TRCP131306SA2R0MTQ	2.0	41.00	23.00	2.60	2.25
TRCP131306SA2R7MTQ	2.7	35.00	20.00	3.75	3.25
TRCP131306SA3R6MTQ	3.6	30.00	17.00	4.85	4.20
TRCP131306SA4R7MTQ	4.7	27.00	14.00	6.25	5.42
TRCP131306SA5R8MTQ	5.8	24.00	12.00	7.97	6.93
TRCP131306SA7R3MTQ	7.3	18.50	13.00	6.50	5.68
TRCP131306SA9R2MTQ	9.2	16.30	12.00	8.35	7.24
TRCP131306SA110MTQ	11	15.00	11.00	10.20	8.87
TRCP131306SA130MTQ	13	13.50	10.00	11.70	10.20
TRCP131306SA150MTQ	15	12.50	9.00	14.10	12.30
TRCP131306SA180MTQ	18	11.20	8.50	17.50	15.20
TRCP131306SA220MTQ	22	10.70	8.00	21.50	18.60
TRCP131306SA270MTQ	27	9.50	6.50	27.50	23.90
TRCP131306SA330MTQ	33	8.80	5.50	30.30	26.30
TRCP131306SA390MTQ	39	8.00	4.50	46.50	40.30
TRCP131306SA470MTQ	47	7.20	4.00	62.70	54.50

TRCP131307SA Series

Part Number	Inductance	Saturation Current	Heat Rating Current	DC Resistance	
	L (μH)	Isat(A)	Irms(A)	DCR(mΩ)	
	±20 %	Typ.	Typ.	Max.	Typ.
TRCP131307SAR60MTQ	0.60	80.00	36.00	0.55	0.48
TRCP131307SA1R0MTQ	1.0	68.00	32.00	1.00	0.84
TRCP131307SA1R5MTQ	1.5	54.00	28.00	1.61	1.40
TRCP131307SA2R2MTQ	2.2	45.00	24.00	2.45	2.10
TRCP131307SA3R3MTQ	3.3	37.00	22.00	3.10	2.70
TRCP131307SA4R7MTQ	4.7	30.00	19.00	4.25	3.68
TRCP131307SA5R6MTQ	5.6	27.00	17.00	5.30	4.60
TRCP131307SA6R8MTQ	6.8	25.50	14.00	6.95	6.05
TRCP131307SA8R2MTQ	8.2	23.00	12.00	8.10	7.03
TRCP131307SA100MTQ	10	21.00	11.00	10.10	8.77
TRCP131307SA120MTQ	12	19.50	10.00	11.70	10.20
TRCP131307SA150MTQ	15	16.00	9.30	13.80	12.00
TRCP131307SA180MTQ	18	14.50	8.50	16.70	14.50
TRCP131307SA220MTQ	22	12.00	8.00	17.80	15.50
TRCP131307SA270MTQ	27	11.40	7.00	26.50	23.00
TRCP131307SA330MTQ	33	10.60	6.00	32.50	28.30
TRCP131307SA390MTQ	39	9.00	5.50	36.00	31.30
TRCP131307SA470MTQ	47	8.20	5.00	46.00	40.00
TRCP131307SA560MTQ	56	7.50	4.00	69.00	60.00

TRCP161607SA Series

Part Number	Inductance	Saturation Current	Heat Rating Current	DC Resistance	
	L (μH)	Isat(A)	Irms(A)	DCR(mΩ)	
	±20 %	Typ.	Typ.	Max.	Typ.
TRCP161607SA1R0MTQ	1.0	66.00	33.00	1.05	0.89
TRCP161607SA1R5MTQ	1.5	49.00	30.00	1.55	1.35
TRCP161607SA2R2MTQ	2.2	40.00	25.00	2.20	1.90
TRCP161607SA3R3MTQ	3.3	34.00	23.00	3.10	2.68
TRCP161607SA4R7MTQ	4.7	32.00	20.00	4.00	3.46
TRCP161607SA5R6MTQ	5.6	26.00	18.00	5.20	4.50
TRCP161607SA6R5MTQ	6.5	23.00	16.00	6.30	5.48
TRCP161607SA8R2MTQ	8.2	21.00	15.00	8.25	7.15
TRCP161607SA100MTQ	10	18.00	13.00	10.00	8.70
TRCP161607SA150MTQ	15	17.00	11.00	14.20	12.30
TRCP161607SA220MTQ	22	14.00	8.50	23.50	20.30

TRCP161609SA Series

Part Number	Inductance	Saturation Current	Heat Rating Current	DC Resistance	
	L (μH)	Isat(A)	Irms(A)	DCR(mΩ)	
	±20 %	Typ.	Typ.	Max.	Typ.
TRCP161609SA1R7MTQ	1.7	55.00	37.00	1.29	1.12
TRCP161609SA2R5MTQ	2.5	45.00	33.00	1.53	1.32
TRCP161609SA3R5MTQ	3.5	38.00	27.00	2.20	1.90
TRCP161609SA4R7MTQ	4.7	33.00	24.00	2.90	2.55
TRCP161609SA6R0MTQ	6.0	29.00	21.00	3.70	3.20
TRCP161609SA7R5MTQ	7.5	26.00	19.00	4.55	3.96
TRCP161609SA9R2MTQ	9.2	23.50	17.00	5.65	4.90
TRCP161609SA110MTQ	11	21.50	15.50	7.10	6.15
TRCP161609SA150MTQ	15	18.00	13.50	9.00	7.80
TRCP161609SA220MTQ	22	15.00	11.00	14.00	12.20
TRCP161609SA280MTQ	28	13.50	9.60	17.80	15.50
TRCP161609SA320MTQ	32	12.60	9.00	20.50	18.00
TRCP161609SA350MTQ	35	12.00	8.70	21.60	18.80
TRCP161609SA460MTQ	46	10.50	6.90	34.50	30.00
TRCP161609SA550MTQ	55	9.50	6.60	37.40	32.50

TRCP181809SA Series

Part Number	Inductance	Saturation Current	Heat Rating Current	DC Resistance	
	L (μH)	Isat(A)	Irms(A)	DCR(mΩ)	
	±20 %	Typ.	Typ.	Max.	Typ.
TRCP181809SAR82MTQ	0.82	88.00	41.50	0.62	0.54
TRCP181809SA1R3MTQ	1.3	67.00	36.00	1.00	0.85
TRCP181809SA2R0MTQ	2.0	58.00	32.50	1.38	1.20
TRCP181809SA2R7MTQ	2.7	50.00	31.50	1.82	1.58
TRCP181809SA3R6MTQ	3.6	43.00	25.00	2.60	2.20
TRCP181809SA4R7MTQ	4.7	39.00	22.50	3.40	2.85
TRCP181809SA5R6MTQ	5.6	35.00	21.00	3.70	3.18
TRCP181809SA6R8MTQ	6.8	31.00	18.50	4.70	4.10
TRCP181809SA8R5MTQ	8.5	28.00	18.00	5.55	4.82
TRCP181809SA100MTQ	10	26.00	16.00	6.90	6.00
TRCP181809SA150MTQ	15	22.00	14.00	9.43	8.20
TRCP181809SA220MTQ	22	17.50	11.00	14.10	12.10
TRCP181809SA330MTQ	33	14.00	8.50	23.00	20.00
TRCP181809SA470MTQ	47	11.50	6.80	38.80	33.70
TRCP181809SA560MTQ	56	10.80	6.50	41.20	35.80

TRCP222212SA Series

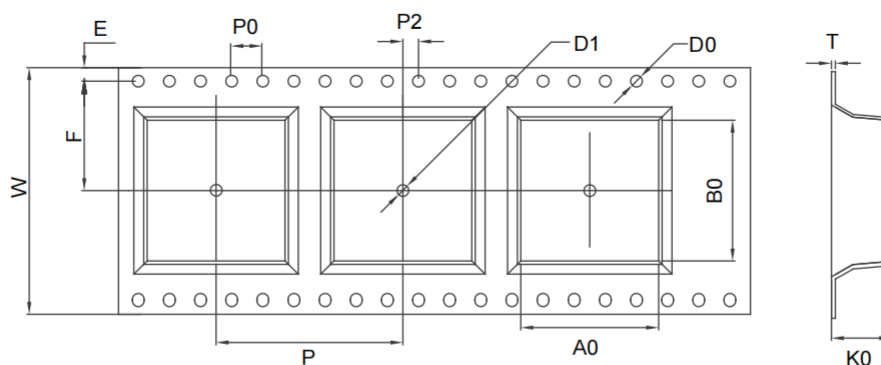
Part Number	Inductance	Saturation Current	Heat Rating Current	DC Resistance	
	L (μH)	Isat(A)	Irms(A)	DCR(mΩ)	
	±20 %	Typ.	Typ.	Max.	Typ.
TRCP222212SA3R3MTQ	3.3	70.00	32.00	1.20	1.03
TRCP222212SA4R7MTQ	4.7	58.00	30.00	1.75	1.52
TRCP222212SA6R8MTQ	6.8	48.00	26.00	2.70	2.33
TRCP222212SA8R2MTQ	8.2	45.00	24.00	3.20	2.78
TRCP222212SA100MTQ	10	40.00	21.00	3.88	3.37
TRCP222212SA120MTQ	12	37.00	19.50	4.80	4.17
TRCP222212SA150MTQ	15	32.00	18.00	5.45	4.73
TRCP222212SA220MTQ	22	27.00	15.00	8.25	7.15
TRCP222212SA330MTQ	33	22.00	11.50	13.50	11.60
TRCP222212SA390MTQ	39	20.50	9.50	19.80	17.20
TRCP222212SA470MTQ	47	18.50	9.00	21.40	18.60
TRCP222212SA560MTQ	56	17.00	8.20	23.30	20.20
TRCP222212SA680MTQ	68	15.00	7.50	30.30	26.30
TRCP222212SA820MTQ	82	13.80	7.00	33.70	29.30
TRCP222212SA101MTQ	100	12.50	6.10	40.80	35.50

Notes

- All data is tested based on 25 ambient temperature.
- Inductance measure condition at 100kHz, 0.5V.
- Saturation current the actual value of DC current when the inductance decrease 10% and 30% of its initial value.
- Temperature rise current the actual value of DC current when the temperature rise is ΔT50 (Ta=25).

Packaging Information

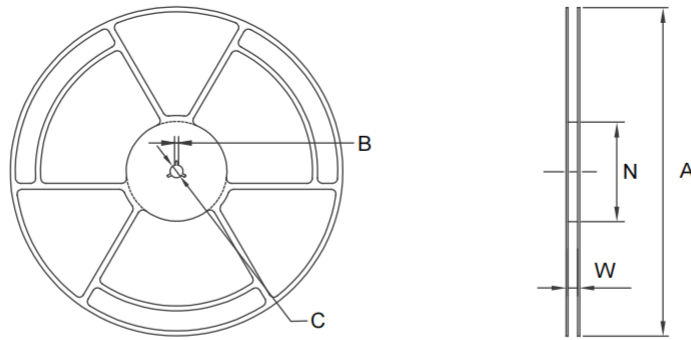
Tape Dimensions



Dimensions

Series	Tape dimensions (mm)											
	W	P	P0	P2	T	D0	D1	A0	B0	K0	E	F
TRCP070703SA	16.0±0.3	12.0±0.1	4.0±0.1	2.0±0.1	0.4±0.05	1.5±0.1	/	7.05±0.1	7.2±0.1	3.6Ref.	1.75±0.1	7.5±0.1
TRCP070704SA	16.0±0.3	12.0±0.1	4.0±0.1	2.0±0.1	0.4±0.05	1.5±0.1	/	7.3±0.1	7.55±0.1	5.0Ref.	1.75±0.1	7.5±0.1
TRCP070705SA	16.0±0.3	12.0±0.1	4.0±0.1	2.0±0.1	0.4±0.05	1.5±0.1	/	7.3±0.1	7.5±0.1	5.7Ref.	1.75±0.1	7.5±0.1
TRCP101003SA	24.0±0.3	16.0±0.1	4.0±0.1	2.0±0.1	0.4±0.05	1.5±0.1	/	10.8±0.1	11.0±0.1	4.2Ref.	1.75±0.1	11.5±0.1
TRCP101004SA	24.0±0.3	16.0±0.1	4.0±0.1	2.0±0.1	0.4±0.05	1.5±0.1	/	10.8±0.1	11.3±0.1	5.2Ref.	1.75±0.1	11.5±0.1
TRCP101005SA	24.0±0.3	16.0±0.1	4.0±0.1	2.0±0.1	0.4±0.05	1.5±0.1	/	10.8±0.1	11.3±0.1	5.9Ref.	1.75±0.1	11.5±0.1
TRCP101006SA	24.0±0.3	16.0±0.1	4.0±0.1	2.0±0.1	0.4±0.05	1.5±0.1	/	10.8±0.1	11.3±0.1	6.5Ref.	1.75±0.1	11.5±0.1
TRCP131303SA	24.0±0.3	16.0±0.1	4.0±0.1	2.0±0.1	0.4±0.05	1.5±0.1	/	13.7±0.1	13.7±0.1	4.6Ref.	1.75±0.1	11.5±0.1
TRCP131305SA	24.0±0.3	16.0±0.1	4.0±0.1	2.0±0.1	0.4±0.05	1.5±0.1	/	14.0±0.1	14.0±0.1	6.0Ref.	1.75±0.1	11.5±0.1
TRCP131306SA	24.0±0.3	16.0±0.1	4.0±0.1	2.0±0.1	0.4±0.05	1.5±0.1	/	13.6±0.1	13.7±0.1	7.2Ref.	1.75±0.1	11.5±0.1
TRCP131307SA	24.0±0.3	16.0±0.1	4.0±0.1	2.0±0.1	0.4±0.05	1.5±0.1	/	13.6±0.1	13.7±0.1	8.0Ref.	1.75±0.1	11.5±0.1
TRCP161607SA	32.0±0.3	20.0±0.1	4.0±0.1	2.0±0.1	0.5±0.05	1.5±0.1	/	16.6±0.1	16.5±0.1	7.5±0.1	1.75±0.1	14.2±0.1
TRCP161609SA	32.0±0.3	24.0±0.1	4.0±0.1	2.0±0.1	0.5±0.1	1.5±0.1	/	16.3±0.15	16.3±0.15	10.0Ref.	1.75±0.1	14.2±0.1
TRCP181809SA	32.0±0.2	32.0±0.1	4.0±0.1	2.0±0.1	0.4±0.05	1.5±0.1	/	19.4±0.1	18.8±0.1	10.7Ref.	1.75±0.1	14.2±0.1
TRCP222212SA	44.0±0.3	32.0±0.1	4.0±0.1	2.0±0.1	0.5±0.05	1.5±0.1	/	23.5±0.1	23.5±0.1	13.1±0.1	1.75±0.1	20.2±0.1

Reel Dimensions



Dimensions

Series	Reel Dimensions (mm)					Quantity
	A	W	N	B	C	Reel
TRCP070703SA	330±2.0	22.40Max.	100	2.0±0.5	13.0±0.5	1500pcs
TRCP070704SA	330±2.0	22.40Max.	100	2.0±0.5	13.0±0.5	1000pcs
TRCP070705SA	330±2.0	22.40Max.	100	2.0±0.5	13.0±0.5	1000pcs
TRCP101003SA	330±2.0	30.40Max.	100	2.0±0.5	13.0±0.5	800pcs
TRCP101004SA	330±2.0	30.40Max.	100	2.0±0.5	13.0±0.5	800pcs
TRCP101005SA	330±2.0	30.40Max.	100	2.0±0.5	13.0±0.5	700pcs
TRCP101006SA	330±2.0	30.40Max.	100	2.0±0.5	13.0±0.5	400pcs
TRCP131303SA	330±2.0	30.40Max.	100	2.0±0.5	13.0±0.5	400pcs
TRCP131305SA	330±2.0	30.40Max.	100	2.0±0.5	13.0±0.5	400pcs
TRCP131306SA	330±2.0	30.40Max.	100	2.0±0.5	13.0±0.5	400pcs
TRCP131307SA	330±2.0	30.40Max.	100	2.0±0.5	13.0±0.5	300pcs
TRCP161607SA	330±2.0	38.40Max.	100	2.0±0.5	13.0±0.5	200pcs
TRCP161609SA	330±2.0	38.40Max.	100	2.0±0.5	13.0±0.5	150pcs
TRCP181809SA	330±2.0	38.40Max.	100	2.0±0.5	13.0±0.5	150pcs
TRCP222212SA	330±2.0	50.40Max.	100	2.0±0.5	13.0±0.5	120pcs