

CST 系列



* FEATURES 特性

1. Shielded construction
2. Frequency range up to 5.0 MHz
3. Lowest DCR/uH,in thispackage size
4. Handles high transient current spikes without saturation
5. Ultra low buzz noise, due to composite construction
6. 100% Lead(Pb)-free and RoHS compliant

* APPLICATIONS 用途

1. PDA/Notebook/Desktop/Server applications
2. High current POL converters
3. Battery powered devices
4. DC/DC Converters in distributes power systems

* NOTES 注意事项

1. Inductance Tolerance $\pm 20\%$; Frequency Test: 100KHz/1.0v
 2. All test data is referenced to 25°C ambient.
 3. IDC: DC current(A) that will cause an approximate ΔT of 40°C
 4. Isat: DC current(A) that will cause Lo to drops,Details of the drops are shown in the attached table
 5. Operating Temperature Range -55°C to +125°C
 6. The part temperature(ambient+temp rise) should not exceed 125°C under worse case operating conditions.
Circuit design, component placement,PWB trace size and thickness, airflow and other cooling provision all
effect the part temperature. Part temperature should be verified in the end application.
 7. The rated current as listed is either the saturation current or the heating current depending on depending
on which value is lower.
 8. We can design according to customer's request.
-

* PART NUMBERING SYSTEM 品名系统

CST 0630 H Y - 4R7 M
 1 2 3 4 5 6

①

华锐达品名	
CST	一体成型电感

②

产品型号	
0420	7*7*3
0530	7*7*4
...	...

③

产品材质	
H	合金粉
T	碳基粉
F	还原粉

④

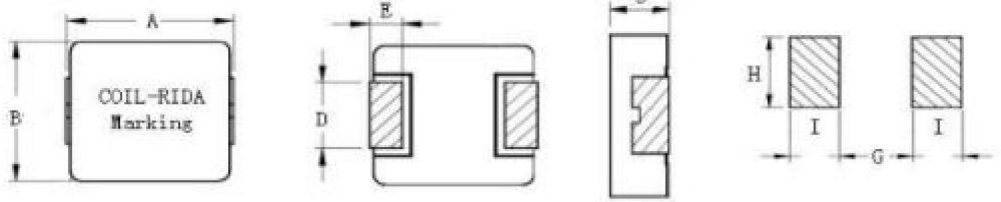
产品平面	
P	平面
Y	框面

⑤

产品感值	
4R7	4.7 μ H
470	47 μ H
471	470 μ H
472	1000 μ H

⑥

感量公差	
K	$\pm 10\%$
M	$\pm 20\%$
N	$\pm 30\%$

外形尺寸 (Unit:mm)								
TYPE(型号)	A	B	C	D	E	H (ref)	I (ref)	G (ref)
CST0420	4.5±0.5	4.1±0.3	2.0 MAX	1.5±0.3	1.0±0.3	2.5	1.5	1.7
CST0520	5.5±0.5	5.2±0.3	2.0 MAX	2.0±0.3	1.1±0.3	2.5	2	1.8
CST0530	5.5±0.5	5.2±0.3	3.0 MAX	2.0±0.3	1.1±0.3	2.5	2	1.8
CST0620	7.5±0.5	6.6±0.3	2.0 MAX	3.0±0.3	1.6±0.3	3.5	2.5	2.5
CST0630	7.5±0.5	6.6±0.3	3.0 MAX	3.0±0.3	1.6±0.3	3.5	2.5	2.5
CST0650	7.5±0.5	6.6±0.3	5.0 MAX	3.0±0.3	1.6±0.3	3.5	2.5	2.5
CST0830	8.7±0.5	8.2±0.3	3.0 MAX	3.0±0.3	1.8±0.3	3.7	2.5	4.3
CST0850	8.7±0.5	8.2±0.3	5.0 MAX	3.0±0.3	1.8±0.3	3.7	2.5	4.3
CST1030	10.5±1	10.3±0.3	3.0 MAX	3.0±0.3	2.0±0.5	3.8	3.5	4.9
CST1040	10.5±1	10.3±0.3	4.0 MAX	3.0±0.3	2.0±0.5	3.8	3.5	4.9
CST1045	10.5±1	10.3±0.3	4.5 MAX	3.0±0.3	2.0±0.5	3.8	3.5	4.9
CST1050	10.5±1	10.3±0.3	5.0 MAX	3.0±0.3	2.0±0.5	3.8	3.5	4.9
CST1235	13.2±1	12.6±0.3	3.5 MAX	3.8±0.3	2.5±0.5	5	4.6	5.2
CST1240	13.2±1	12.6±0.3	4.0 MAX	3.8±0.3	2.5±0.5	5	4.6	5.2
CST1250	13.2±1	12.6±0.3	5.0 MAX	3.8±0.3	2.5±0.5	5	4.6	5.2
CST1260	13.2±1	12.6±0.3	6.0 MAX	3.8±0.3	2.5±0.5	5	4.6	5.2
CST1265	13.2±1	12.6±0.3	6.5 MAX	3.8±0.3	2.5±0.5	5	4.6	5.2
CST1770	17.5±1	17.0±0.3	7.0 MAX	11.2±0.3	2.5±0.5	13	4.6	9.2
CST2213	22.0±1	22.0±0.3	13 MAX	18.6±0.3	5.0±0.5	22	11.6	5.8

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Coil-Rida Part Number	L Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) drop20%	DCR(m Ω)	
				TYP. (25°C)	MAX. (25°C)
CST0420T□-R10M	0.1	12.0	28.0	3.0	5.0
CST0420T□-R22M	0.22	10.0	18.0	5.0	6.0
CST0420T□-R33M	0.33	9.0	13.0	7.5	9.8
CST0420T□-R47M	0.47	7.0	10.0	13.5	16.0
CST0420T□-R56M	0.56	6.5	9.0	12.0	15.0
CST0420T□-R68M	0.68	6.0	10.0	22.0	29.0
CST0420T□-1R0M	1.0	5.0	9.0	25.0	30.0
CST0420T□-1R2M	1.2	4.0	7.0	33.0	39.6
CST0420T□-1R5M	1.5	4.0	7.0	35.0	42.0
CST0420T□-2R2M	2.2	3.3	6.5	56.0	61.0
CST0420T□-3R3M	3.3	3.2	4.5	87.0	113.0
CST0420T□-4R7M	4.7	3.0	4.0	115.0	150.0
CST0420T□-5R6M	5.6	2.0	3.5	145.0	173.0
CST0420T□-6R8M	6.8	2.0	3.5	148.0	178.0
CST0420T□-8R2M	8.2	1.8	2.5	241.0	280.0
CST0420T□-100M	10	1.6	2.5	278.0	317.0

□:P:平面 Y:框面

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- ※3: All test data is referenced to 25°C ambient.
- ※4: Irms : DC current (A) that will cause an approximate ΔT of 40°C
- ※5: Isat : DC current (A) that will cause Lo to drop approximately 20%
- ※6: We can design according to customer's request.

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Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) Drop 30%	DCR(m Ω)	
				TYP. (25°C)	MAX. (25°C)
CST0420H□-R10M	0.1	15.0	28.0	3.6	4.4
CST0420H□-R22M	0.22	9.0	14.0	5.3	6.4
CST0420H□-R33M	0.33	8.0	12.0	8.0	9.6
CST0420H□-R47M	0.47	7.0	10.0	14.0	17.0
CST0420H□-R68M	0.68	5.0	8.0	17.0	20.4
CST0420H□-1R0M	1.0	4.5	7.0	26.0	32.0
CST0420H□-1R5M	1.5	4.0	6.0	35.0	42.0
CST0420H□-2R2M	2.2	3.0	5.0	52.0	58.0
CST0420H□-3R3M	3.3	2.5	4.0	75.0	90.0
CST0420H□-4R7M	4.7	2.2	3.5	115.0	150.0
CST0420H□-6R8M	6.8	2.0	3.2	159.0	190.0
CST0420H□-100M	10	1.6	3.0	290.0	334.0

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- ※5: Isat : DC current (A) that will cause Lo to drop approximately 30%
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Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) drop 20%	DCR(m Ω)	
				TYP. (25 $^{\circ}$ C)	MAX. (25 $^{\circ}$ C)
CST0520T□-R10M	0.1	15.0	30.0	3.0	4.5
CST0520T□-R22M	0.22	16.0	26.0	4.4	5.3
CST0520T□-R33M	0.33	7.5	13.0	8.4	9.5
CST0520T□-R47M	0.47	8.0	12.5	10.5	13.0
CST0520T□-R68M	0.68	10.0	15A drop 25%	12.0	12.4
CST0520T□-1R0M	1.0	7.0	16A drop 25%	18.8	20.0
CST0520T□-1R5M	1.5	4.5	7.0	28.0	32.4
CST0520T□-2R2M	2.2	4.2	12.5A drop 25%	32.0	50.1
CST0520T□-3R3M	3.3	3.3	8.5A drop 25%	80.0	85.5
CST0520T□-4R7M	4.7	2.8	5.0A drop 25%	106.0	116.0
CST0520T□-5R6M	5.6	2.5	4.5A drop 25%	115.0	122.0
CST0520T□-6R8M	6.8	2.4	4.3A drop 25%	137.0	150.0
CST0520T□-100M	10	2.3	4.0	180.0	199.0

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- ※3: All test data is referenced to 25 $^{\circ}$ C ambient.
- ※4: Irms : DC current (A) that will cause an approximate ΔT of 40 $^{\circ}$ C
- ※5: Isat : DC current (A) that will cause Lo to drop approximately 20%
- ※6: We can design according to customer's request.

Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) Drop 30%	DCR(m Ω)	
				TYP. (25 $^{\circ}$ C)	MAX. (25 $^{\circ}$ C)
CST0520H□-R10M	0.1	13	25	3.0	4.5
CST0520H□-R22M	0.22	12	18	4.4	5.3
CST0520H□-R33M	0.33	11	16	8.4	9.5
CST0520H□-R47M	0.47	10.5	15.5	10.5	13.0
CST0520H□-R68M	0.68	9.5	14.0	14.0	17.0
CST0520H□-1R0M	1.0	8.0	10.0	17.0	30.0
CST0520H□-2R2M	2.2	5.0	6.5	32.0	45.0
CST0520H□-3R3M	3.3	4.5	6.0	58.0	70.0
CST0520H□-4R7M	4.7	3.5	5.0	74.0	90.0
CST0520H□-5R6M	5.6	2.8	4.5	86.0	120.0
CST0520H□-6R8M	6.8	2.8	4.5	114.0	137.0
CST0520H□-100M	10	2.5	4.0	135.0	180.0

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- ※3: All test data is referenced to 25 $^{\circ}$ C ambient.
- ※4: Irms : DC current (A) that will cause an approximate ΔT of 40 $^{\circ}$ C
- ※5: Isat : DC current (A) that will cause Lo to drop approximately 30%
- ※6: We can design according to customer's request.

Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) drop 20%	DCR(m Ω)	
				TYP. (25 $^{\circ}$ C)	MAX. (25 $^{\circ}$ C)
CST0530T□-R10M	1.0	25	40	2.9	4.3
CST0530T□-R22M	0.22	20.0	35.0	4.0	4.8
CST0530T□-R47M	0.47	12.2	16.0	6.5	7.0
CST0530T□-R68M	0.68	10.2	14.0	9.0	11.0
CST0530T□-1R0M	1.0	9.2	12.0	12.0	14.0
CST0530T□-1R2M	1.2	7.2	11.0	11.0	13.0
CST0530T□-1R5M	1.5	7.2	11.0	17.0	20.4
CST0530T□-2R2M	2.2	5.8	10.0	25.0	32.5
CST0530T□-3R3M	3.3	5.0	8.5	33.0	38.0
CST0530T□-4R7M	4.7	4.0	8.0	53.0	64.0
CST0530T□-6R8M	6.8	4.0	7.0	80.0	100.0
CST0530T□-100M	10	3.0	6.0	110.0	132.0
CST0530F□-150M	15	2.5	4A dro□ 30%	143.0	163.0
CST0530F□-220M	22	2.0	3.5A dro□ 30%	270.0	324.0
CST0530F□-330M	33	1.2	2.5A dro□ 30%	330.0	372.0
CST0530F□-101M	100	0.9	1.4A drop 30%	810.0	972.0

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- ※4: Irms : DC current (A) that will cause an approximate ΔT of 40 $^{\circ}$ C
- ※5: Isat : DC current (A) that will cause Lo to drop approximately 20%
- ※6: We can design according to customer's request.

Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) drops 20%	DCR(m Ω)	
				TYP. (25°C)	MAX. (25°C)
CST0620T□-R10M	0.1	18.0	30.0	2.7	2.7
CST0620T□-R33M	0.33	13.0	24.0	5.6	6.8
CST0620T□-R47M	0.47	11.0	22.0	6.4	8.0
CST0620T□-R68M	0.68	9.0	14.0	10.0	12.7
CST0620T□-1R0M	1.0	7.0	12.0	16.0	19.2
CST0620T□-1R5M	1.5	5.5	10.0	26.0	32.0
CST0620T□-2R2M	2.2	5.0	9.0	32.0	36.0
CST0620T□-3R3M	3.3	4.5	8.0	65.0	78.0
CST0620T□-4R7M	4.7	3.5	5.5	73.0	88.0
CST0620T□-6R8M	6.8	3.0	5.0	114.0	160.0
CST0620T□-100M	10	2	4.0	147.0	180.0

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- ※5: Isat : DC current (A) that will cause Lo to drop approximately 20%
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Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) Drop 30%	DCR(m Ω)	
				TYP. (25 $^{\circ}$ C)	MAX. (25 $^{\circ}$ C)
CST0630F□-R10M	0.1	20.0	40.0	1.6	2.0
CST0630F□-R22M	0.22	18.0	34.0	2.1	2.5
CST0630F□-R33M	0.33	16.0	30.0	2.4	3.5
CST0630F□-R36M	0.36	21.0	30.0	2.4	3.5
CST0630F□-R47M	0.47	15.0	22.0	3.1	4.0
CST0630F□-R56M	0.56	14.0	20.0	4.0	5.0
CST0630F□-R68M	0.68	13.0	18.0	4.8	5.8
CST0630F□-R82M	0.82	12.0	16.0	6.8	8.2
CST0630F□-1R0M	1.0	10.0	15.0	7.0	8.6
CST0630F□-1R2M	1.2	10.0	15.0	8.9	9.2
CST0630F□-1R5M	1.5	9.0	13.0	10.0	12.0
CST0630F□-2R2M	2.2	8.0	10.0	13.0	16.0
CST0630F□-3R3M	3.3	7.0	9.5	18.0	22.0
CST0630F□-4R7M	4.7	6.0	8.0	39.0	50.0
CST0630F□-5R6M	5.6	5.0	7.0	41.0	50.0
CST0630F□-6R8M	6.8	4.0	7.0	45.0	54.0
CST0630F□-8R2M	8.2	3.5	6.0	60.0	72.0
CST0630F□-100M	10	3.0	5.0	61.0	76.0
CST0630F□-120M	12	2.8	5.5	74.0	96.0
CST0630F□-150M	15	2.5	4.5	100.0	130.0
CST0630F□-220M	22	2.0	3.5	127.0	152.0
CST0630F□-330M	33	1.5	3.0	185.0	222.0
CST0630F□-470M	47	1.2	2.5	267.0	290.0
CST0630F□-560M	56	1.1	2.5	345.0	414.0
CST0630F□-101M	100	1.0	1.7	715.0	858.0

□:P:平面 Y:框面

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				TYP. (25 $^{\circ}$ C)	MAX. (25 $^{\circ}$ C)
CST0630H□-R10M	0.1	32.5	60.0	1.2	1.5
CST0630H□-R22M	0.22	24.0	34.0	2.3	2.8
CST0630H□-R33M	0.33	21.0	25.0	3.1	4.2
CST0630H□-R47M	0.47	18.0	20.0	3.7	5.5
CST0630H□-R56M	0.56	16.5	18.0	3.7	5.5
CST0630H□-R68M	0.68	16.0	17.0	4.8	6.3
CST0630H□-R82M	0.82	14.0	16.0	5.4	6.0
CST0630H□-1R0M	1.0	12.0	15.0	6.8	7.4
CST0630H□-1R5M	1.5	10.0	14.0	10.8	15.0
CST0630H□-2R2M	2.2	8.0	10.0	15.0	20.0
CST0630H□-3R3M	3.3	6.5	9.5	23.0	35.0
CST0630H□-4R7M	4.7	5.5	6.5	35.0	40.0
CST0630H□-5R6M	5.6	5.5	6.0	44.0	53.0
CST0630H□-6R8M	6.8	4.5	6.0	52.0	60.0
CST0630H□-100M	10	4.0	5.5	61.0	68.0

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- ※4: Irms : DC current (A) that will cause an approximate ΔT of 40 $^{\circ}$ C
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				TYP. (25 $^{\circ}$ C)	MAX. (25 $^{\circ}$ C)
CST0630T□-R10M	0.1	32.5	60A drop 25%	1.3	1.7
CST0630T□-R12M	0.12	31.5	55A drop 25%	0.65	0.71
CST0630T□-R15M	0.15	30	52A drop 25%	1.7	2.1
CST0630T□-R22M	0.22	25	45A drop 25%	1.8	1.98
CST0630T□-R33M	0.33	20.0	32A drop 25%	3.2	3.9
CST0630T□-R36M	0.36	20.0	30A drop 25%	3.2	3.9
CST0630T□-R47M	0.47	17.5	26.0	3.6	5.8
CST0630T□-R68M	0.68	15.5	26A drop 25%	4.7	5.5
CST0630T□-R82M	0.82	12.0	24.0	7.4	8.5
CST0630T□-1R0M	1.0	12.0	22.0	8.5	10.0
CST0630T□-1R5M	1.5	10.0	18.0	9.0	10.0
CST0630T□-2R2M	2.2	8.5	15A drop 25%	15.0	19.0
CST0630T□-3R3M	3.3	8.0	13.5	28.0	30.0
CST0630T□-4R7M	4.7	5.5	10A drop 25%	38.0	44.0
CST0630T□-5R6M	5.6	5.0	9.0	50.0	58.0
CST0630T□-6R8M	6.8	4.5	8A drop 25%	53.0	60.0
CST0630T□-100M	10	3.5	7.0	70.0	85.0

□:P:平面 Y:框面

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- ※3: All test data is referenced to 25 $^{\circ}$ C ambient.
- ※4: Irms : DC current (A) that will cause an approximate ΔT of 40 $^{\circ}$ C
- ※5: Isat : DC current (A) that will cause Lo to drop approximately 30%
- ※6: We can design according to customer's request.

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Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) Drop 30%	DCR(m Ω)	
				TYP. (25 $^{\circ}$ C)	MAX. (25 $^{\circ}$ C)
CST0650F□-R22M	0.22	18.0	38.0	1.8	2.4
CST0650F□-R33M	0.33	16.0	27.0	2.2	2.7
CST0650F□-R47M	0.47	15.0	24.0	3.1	4.0
CST0650F□-R56M	0.56	14.0	22.0	4.0	4.8
CST0650F□-R68M	0.68	13.0	20.0	4.5	5.4
CST0650F□-R82M	0.82	11.0	19.0	6.1	7.5
CST0650F□-1R0M	1.0	10.0	18.0	5.5	7.0
CST0650F□-1R2M	1.2	9.0	17.0	6.0	7.2
CST0650F□-1R5M	1.5	8.5	15.0	7.0	8.5
CST0650F□-2R2M	2.2	8.0	14.0	10.4	12.5
CST0650F□-3R3M	3.3	7.0	11.0	13.0	16.0
CST0650F□-4R7M	4.7	6.0	10.0	18.0	22.0
CST0650F□-5R6M	5.6	5.5	9.5	22.0	26.2
CST0650F□-6R8M	6.8	5.0	9.0	25.8	26.4
CST0650F□-8R2M	8.2	4.5	8.5	33.0	45.0
CST0650F□-100M	10.0	4.0	7.0	37.0	46.0
CST0650F□-150M	15.0	3.5	6.0	54.0	65.0
CST0650F□-220M	22.0	3.0	5.0	87.0	105.0
CST0650F□-330M	33.0	2.5	4.5	134.0	170.0
CST0650F□-470M	47.0	1.5	2.5	185.0	200.0
CST0650F□-560M	56.0	1.4	2.4	202.0	242.0
CST0650F□-680M	68.0	1.2	2.2	265.0	320.0
CST0650F□-101M	100	1.0	2.0	285.0	380.0

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Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) Drop 30%	DCR(m Ω)	
				TYP. (25 $^{\circ}$ C)	MAX. (25 $^{\circ}$ C)
CST0830T□-R22M	0.22	32	43	1.75	1.96
CST0830T□-R33M	0.33	25	32	2.2	2.57
CST0830T□-R47M	0.47	21.5	35	2.6	3.35
CST0830T□-1R0M	1.0	13.7	32	6.5	8.35
CST0830T□-1R5M	1.5	11	24	12.6	13.3
CST0830T□-2R2M	2.2	9	21	19.1	20.3
CST0830T□-3R3M	3.3	7	12	26	27.4
CST0830T□-4R7M	4.7	6.6	10.5	33	34.2
CST0830T□-5R6M	5.6	6	10	35	37.2
CST0830T□-6R8M	6.8	5	9.5	47	49.3
CST0830T□-8R2M	8.2	4.5	9.5	56	59.3
CST0830T□-100M	10.0	4	8	68	71.2

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- ※6: We can design according to customer's request.

Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) Drop 30%	DCR(m Ω)	
				TYP. (25 $^{\circ}$ C)	MAX. (25 $^{\circ}$ C)
CST0850F□-R82M	0.82	16.0	24.0	4.0	4.8
CST0850F□-1R0M	1.0	14.0	21.0	3.5	4.2
CST0850F□-2R2M	2.2	11.0	18.0	7.5	9.0
CST0850F□-3R3M	3.3	10.0	15.0	11.0	13.0
CST0850F□-4R7M	4.7	8.0	14.0	16.0	20.0
CST0850F□-6R8M	6.8	6.0	11.0	20.0	24.0
CST0850F□-100M	10.0	5.0	10.0	30.0	35.0
CST0850F□-150M	15.0	4.0	7.5	46.0	55.0
CST0850F□-220M	22	3.5	7.0	78.0	94.0
CST0850F□-330M	33	3.0	5.0	125.0	150.0
CST0850F□-470M	47	2.5	4.0	160.0	192.0
CST0850F□-560M	56	2.0	3.5	170.0	205.0
CST0850F□-680M	68	1.5	3.0	188.0	233.0
CST0850F□-101M	100	1.2	2.0	272.0	326.0

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- ※5: Isat : DC current (A) that will cause Lo to drop approximately 30%
- ※6: We can design according to customer's request.

Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) Drop 30%	DCR(m Ω)	
				TYP. (25°C)	MAX. (25°C)
CST1030F□-R12M	0.12	40.0	62.0	0.6	0.72
CST1030F□-R22M	0.22	24.0	40.0	1.8	2.3
CST1030F□-R36M	0.36	20.0	35.0	3.0	4.00
CST1030F□-R56M	0.56	18.0	20.0	2.6	3.5
CST1030F□-R68M	0.68	16.0	30.0	2.6	3.2
CST1030F□-1R0M	1.0	9.0	16.0	4.5	6.5
CST1030F□-2R2M	2.2	7.0	15.0	7.2	15.0
CST1030F□-3R3M	3.3	6.0	10.0	18.0	22.0
CST1030F□-4R7M	4.7	5.0	8.0	23.0	28.0
CST1030F□-100M	10	4.0	6.0	58.0	70.0

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- ※4: Irms : DC current (A) that will cause an approximate ΔT of 40°C
- ※5: Isat : DC current (A) that will cause Lo to drop approximately 30%
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Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) Drop 30%	DCR(m Ω)	
				TYP. (25 $^{\circ}$ C)	MAX. (25 $^{\circ}$ C)
CST1040F□-R15M	0.15	35	60A drop 20%	0.52	0.82
CST1040F□-R22M	0.22	30.0	60.0	0.55	1.0
CST1040F□-R33M	0.33	25.0	35.0	1.00	1.3
CST1040F□-R36M	0.36	25.0	40.0	1.1	1.4
CST1040F□-R45M	0.45	25.0	27.0	1.2	1.5
CST1040F□-R47M	0.47	20.0	35.0	1.1	1.4
CST1040F□-R56M	0.56	24.0	35.0	1.75	1.8
CST1040F□-R68M	0.68	18.0	32.0	1.6	1.9
CST1040F□-R82M	0.82	16.0	28.0	2.0	2.4
CST1040F□-1R0M	1.0	15.0	23.0	2.1	2.5
CST1040F□-1R5M	1.5	15.0	24.0	5.1	5.8
CST1040F□-2R2M	2.2	12.0	20.0	7.00	9.0
CST1040F□-3R3M	3.3	10.0	17.0	9.0	11.5
CST1040F□-4R7M	4.7	8.0	13.0	12.0	15.0
CST1040F□-5R6M	5.6	7.0	12.0	16.0	19.2
CST1040F□-6R8M	6.8	6.0	11.0	18.0	22.0
CST1040F□-8R2M	8.2	6.0	10.5	27.0	32.0
CST1040F□-100M	10.0	5.0	9.0	31.0	40.0
CST1045F□-150M	15.0	6.0	9.0	37.0	45.0
CST1045F□-220M	22.0	4.0	6.0	54.0	72.0
CST1045F□-330M	33.0	3.5	5.5	82.0	105.0
CST1045F□-470M	47.0	3.0	5.0	128.0	158.0

□:P:平面 Y:框面

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- ※3: All test data is referenced to 25 $^{\circ}$ C ambient.
- ※4: Irms : DC current (A) that will cause an approximate ΔT of 40 $^{\circ}$ C
- ※5: Isat : DC current (A) that will cause Lo to drop approximately 20%
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Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) Drop 30%	DCR(m Ω)	
				TYP. (25°C)	MAX. (25°C)
CST1040H□-R22M	0.22	35.0	60.0	0.8	1.0
CST1040H□-R36M	0.36	30.0	50.0	1.0	1.2
CST1040H□-R47M	0.47	28	40	1.35	1.68
CST1040H□-R68M	0.68	23	32	1.68	2.4
CST1040H□-1R0M	1.0	18.0	28.0	2.8	3.30
CST1040H□-1R5M	1.5	16.0	23.0	5.2	6.2
CST1040H□-2R2M	2.2	12.0	18.00	8.2	10.0
CST1040H□-3R3M	3.3	10.0	16.00	9.4	11.8
CST1040H□-4R7M	4.7	8.50	15.0	12.5	20.0
CST1040H□-5R6M	5.6	8.0	14.0	18.9	23.0
CST1040H□-6R8M	6.8	7.5	12.0	23.0	25.0
CST1040H□-100M	10.0	6.5	8.5	32.0	40.0

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- ※3: All test data is referenced to 25°C ambient.
- ※4: Irms : DC current (A) that will cause an approximate ΔT of 40°C
- ※5: Isat : DC current (A) that will cause Lo to drop approximately 30%
- ※6: We can design according to customer's request.

Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) Drop 30%	DCR(m Ω)	
				TYP. (25 $^{\circ}$ C)	MAX. (25 $^{\circ}$ C)
CST1040T□-R22M	0.22	35.0	60.0	0.77	0.95
CST1040T□-R33M	0.33	32.0	63.0	1.1	1.2
CST1040T□-R36M	0.36	31.5	60A drop 25%	1.1	1.4
CST1040T□-R47M	0.47	28.5	52A drop 25%	1.2	1.68
CST1040T□-R56M	0.56	27.5	49.0	1.7	1.8
CST1040T□-R68M	0.68	25.0	45.0	2.2	2.4
CST1040T□-1R0M	1.0	20.0	36.0 drop 20%	2.6	3.3
CST1040T□-1R5M	1.5	15.0	27.5A drop 25%	5.0	5.8
CST1040T□-2R2M	2.2	14.0	25.6A drop 25%	5.8	10.0
CST1040T□-3R3M	3.3	11.0	20.0	10.6	11.8
CST1040T□-4R7M	4.7	10.0	17.0	13.5	16.5
CST1040T□-5R6M	5.6	8.5	16.0	16.0	19.3
CST1040T□-6R8M	6.8	8.0	13.5A drop 25%	18.0	23.3
CST1040T□-8R2M	8.2	8.0	15.0	22.5	27.0
CST1040T□-100M	10	8.0	12.0	31.0	36.5

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- ※3: All test data is referenced to 25 $^{\circ}$ C ambient.
- ※4: Irms : DC current (A) that will cause an approximate ΔT of 40 $^{\circ}$ C
- ※5: Isat : DC current (A) that will cause Lo to drop approximately 30%
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				TYP. (25°C)	MAX. (25°C)
CST1050F□-R82M	0.82	18.0	34.0	2.1	2.5
CST1050F□-1R0M	1.0	16.0	28.0	2.1	2.5
CST1050F□-1R2M	1.2	15.0	26.0	2.3	2.8
CST1050F□-1R5M	1.5	13.0	21.0	2.7	3.1
CST1050F□-2R2M	2.2	11.0	20.0	5.2	7.0
CST1050F□-3R3M	3.3	10.0	16.0	5.8	7.0
CST1050F□-4R7M	4.7	9.0	15.0	10.8	12.0
CST1050F□-5R6M	5.6	8.5	14.0	13.5	16.0
CST1050F□-6R8M	6.8	8.0	13.0	13.5	16.0
CST1050F□-8R2M	8.2	7.0	12.5	22.0	25.0
CST1050F□-100M	10.0	6.0	12.0	23.0	28.0
CST1050F□-150M	15.0	5.5	10.0	35.0	42.0
CST1050F□-220M	22.0	5.0	8.0	58.0	70.0
CST1050F□-330M	33.0	4.0	6.0	85.0	105.0
CST1050F□-470M	47.0	3.5	5.5	127.0	152.0
CST1050F□-680M	68.0	3.0	5.0	198.0	258.0
CST1050F□-820M	82.0	2.5	4.5	135.0	276.0
CST1050F□-101M	100.0	2.0	4.0	230.0	279.0
CST1050F□-151M	150.0	1.5	3.5	412.0	495.0

□:P:平面 Y:框面

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※2: Inductance Tolerance $\pm 20\%$; Frequency Test: 100KHz/1.0v

※3: All test data is referenced to 25°C ambient.

※4: Irms : DC current (A) that will cause an approximate ΔT of 40°C

※5: Isat : DC current (A) that will cause Lo to drop approximately 30%

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				TYP. (25°C)	MAX. (25°C)
CST1050T□-R36M	0.36	35	40	0.90	1.00
CST1050T□-R47M	0.47	32.0	38.0	1.02	1.10
CST1050T□-R56M	0.56	30.0	36.0	1.07	1.20
CST1050T□-R68M	0.68	29.5	32.0	1.3	1.5
CST1050T□-1R0M	1.00	24.0	36.0	2.11	2.8
CST1050T□-1R5M	1.50	20.0	22.0	2.96	3.1
CST1050T□-2R2M	2.20	17.0	20.0	4.2	4.6
CST1050T□-3R3M	3.30	12.0	15.0	9.6	10.0
CST1050T□-4R7M	4.70	10.0	13.0	11.5	12.0
CST1050T□-5R6M	5.60	9.0	12.0	14.8	16.0
CST1050T□-8R2M	8.20	7.5	9.0	22.0	24.0
CST1050T□-100M	10.00	7.0	8.0	26.0	28.0

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Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) Drop 30%	DCR(m Ω)	
				TYP. (25°C)	MAX. (25°C)
CST1235T□-R10M	0.1	43	84	0.78	0.96
CST1235T□-R15M	0.15	41	82	1.06	1.2
CST1235T□-R22M	0.22	40	80	0.65	1.3
CST1235T□-R33M	0.33	36.5	62	1.36	1.5
CST1235T□-R47M	0.47	32	55	1.87	2
CST1235T□-R68M	0.68	28	49	2.16	2.5
CST1235T□-R82M	0.82	25	44	2.5	3
CST1235T□-1R0M	1	24	40	2.6	3.5
CST1235T□-1R5M	1.5	19	35	4.7	5.5
CST1235T□-2R2M	2.2	16	29	7.6	8
CST1235T□-3R3M	3.3	12	27	10.7	12
CST1235T□-4R7M	4.7	10	24	12	15
CST1235T□-5R6M	5.6	9.5	19	17	19
CST1235T□-6R8M	6.8	9	18	21	22
CST1235T□-8R2M	8.2	8.5	16	26	28
CST1235T□-100M	10	7	14	28.7	34

□:P:平面 Y:框面

- ※1: You require another part number please contact with us.
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- ※3: All test data is referenced to 25°C ambient.
- ※4: Irms : DC current (A) that will cause an approximate ΔT of 40°C
- ※5: Isat : DC current (A) that will cause Lo to drop approximately 30%
- ※6: We can design according to customer's request.

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Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) Drop 30%	DCR(m Ω)	
				TYP. (25 $^{\circ}$ C)	MAX. (25 $^{\circ}$ C)
CST1235F□-R22M	0.22	30	60	0.6	0.8
CST1235F□-R47M	0.47	18	30	2.1	2.5
CST1235F□-R68M	0.68	12	24	2.3	3.0
CST1235F□-1R0M	1.0	12	24	2.7	3.5
CST1235F□-1R5M	1.5	10	17	4.8	6.2
CST1235F□-2R2M	2.2	8	14	6.3	7.6
CST1235F□-3R3M	3.3	7.5	12	11	13.2
CST1235F□-4R7M	4.7	7	11	15.5	20
CST1235F□-6R8M	6.8	5	10	24	30
CST1235F□-8R2M	8.2	4	9	32	35
CST1235F□-100M	10	3	8	38	40

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- ※3: All test data is referenced to 25 $^{\circ}$ C ambient.
- ※4: Irms : DC current (A) that will cause an approximate ΔT of 40 $^{\circ}$ C
- ※5: Isat : DC current (A) that will cause Lo to drop approximately 30%
- ※6: We can design according to customer's request.



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Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) Drop 30%	DCR(m Ω)	
				TYP. (25°C)	MAX. (25°C)
CST1240F□-R22M	0.22	35	55	0.7	0.9
CST1240F□-R33M	0.33	30	50	1.2	1.5
CST1240F□-R47M	0.47	25	45	1.3	1.6
CST1240F□-R68M	0.68	22	42	1.7	2
CST1240F□-1R0M	1.0	20	38	2.9	3.5
CST1240F□-1R5M	1.5	15	30	4.4	5.3
CST1240F□-2R2M	2.2	12	20	4.4	5.3
CST1240F□-3R3M	3.3	11	18	6.7	8
CST1240F□-4R7M	4.7	10	16	14.6	17.5
CST1240F□-6R8M	6.8	8	15	21	30
CST1240F□-8R2M	8.2	6	13	22	29
CST1240F□-100M	10	5	8	27	35

□:P:平面 Y:框面

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- ※3: All test data is referenced to 25°C ambient.
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- ※5: Isat : DC current (A) that will cause Lo to drop approximately 30%
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Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) Drop 30%	DCR(m Ω)	
				TYP. (25 $^{\circ}$ C)	MAX. (25 $^{\circ}$ C)
CST1250F□-R36M	0.36	40.0	60.0	1	1.2
CST1250F□-R47M	0.47	25.0	45.0	1.0	1.2
CST1250F□-R56M	0.56	24.0	40.0	0.9	1.1
CST1250F□-R68M	0.68	23.0	38.0	1.0	1.2
CST1250F□-R82M	0.82	22.0	36.0	1.7	2.1
CST1250F□-1R0M	1.0	20.0	35.0	2.1	2.5
CST1250F□-1R2M	1.2	18.0	32.0	2.1	2.6
CST1250F□-1R5M	1.5	15.0	30.0	2.6	3.1
CST1250F□-2R2M	2.2	14.0	26.0	5.0	6.0
CST1250F□-3R3M	3.3	13.0	24.0	6.8	7.6
CST1250F□-4R7M	4.7	12.0	18.0	7.7	9.0
CST1250F□-5R6M	5.6	9.0	15.0	7.5	10.5
CST1250F□-6R8M	6.8	8.0	14.0	12.0	14.4
CST1250F□-8R2M	8.2	7.5	12.0	18.0	22.0
CST1250F□-100M	10.0	7.0	11.0	19.8	24.0
CST1250F□-150M	15	5.0	9.0	26.0	31.2
CST1250F□-220M	22	4.5	7.0	45.0	58
CST1250F□-330M	33	3.5	6.0	52.0	63
CST1250F□-470M	47	3.0	5.0	70.0	102
CST1250F□-680M	68	2.0	3.0	136.0	177

□:P:平面 Y:框面

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Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) Drop 30%	DCR(m Ω)	
				TYP. (25 $^{\circ}$ C)	MAX. (25 $^{\circ}$ C)
CST1250T□-R36M	0.36	41.0	75A	0.82	1.1
CST1250T□-R47M	0.47	38.0	65A	1.0	1.3
CST1250T□-R68M	0.68	35.0	60A	1.75	2.1
CST1250T□-1R0M	1.0	29.0	50A	2.2	2.5
CST1250T□-1R5M	1.5	27.0	48A	3.5	4.2
CST1250T□-2R2M	2.2	20.0	35A	4.8	5.5
CST1250T□-3R3M	3.3	16.0	32A	6.4	9.2
CST1250T□-4R7M	4.7	15.0	27A	7.6	11.5
CST1250T□-6R8M	6.8	11.0	21A	16.0	22.0
CST1250T□-100M	10.0	10.0	16A	25.0	35.0
CST1250H□-R36M	0.36	41.0	60.0	1.0	1.2
CST1250H□-R47M	0.47	37.0	50.0	0.9	1.1
CST1250H□-R68M	0.68	25.0	50.0	1.2	1.7
CST1250H□-1R0M	1.00	29.0	37.0	2.1	2.6
CST1250H□-1R2M	1.20	29.0	36.0	2.0	3.0
CST1250H□-1R5M	1.50	28.0	30.0	2.1	3.0
CST1250H□-2R2M	2.20	14.0	24.0	4.8	6.2
CST1250H□-3R3M	3.30	12.0	22.0	6.4	9.2
CST1250H□-4R7M	4.70	11.0	16.0	7.6	11.5
CST1250H□-6R8M	6.80	9.0	14.0	16.0	22.0
CST1250H□-100M	10.0	7.0	13.0	25.0	35.0

□:P:平面 Y:框面

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Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) Drop 30%	DCR(m Ω)	
				TYP. (25 $^{\circ}$ C)	MAX. (25 $^{\circ}$ C)
CST1260F□-R47M	0.47	30	50	1.05	1.2
CST1260F□-R68M	0.68	30.0	45.0	1.1	1.6
CST1260F□-R82M	0.82	25.0	42.0	1.1	1.2
CST1260F□-1R0M	1.0	24.0	40.0	2.2	2.6
CST1260F□-1R5M	1.5	18.0	30.0	2.1	4.1
CST1260F□-2R2M	2.2	16.0	28.0	5.0	6.0
CST1260F□-3R3M	3.3	15.0	26.0	5.4	6.5
CST1260F□-4R7M	4.7	14.0	24.0	7.5	9.0
CST1260F□-5R6M	5.6	12.0	18.0	8.5	10.0
CST1260F□-6R8M	6.8	10.0	16.0	8.5	10.0
CST1260F□-8R2M	8.2	9	15	11	13
CST1260F□-100M	10.0	8.0	13.0	11.4	15.0
CST1260F□-150M	15	6.5	12	18	22
CST1260F□-220M	22.0	6.0	10.0	30.0	36.0
CST1260F□-270M	27.0	5.5	9.5	35.0	65.0
CST1260F□-330M	33	5	9	41	53
CST1260F□-470M	47.0	4.0	7.0	80.0	96.0
CST1260F□-680M	68	3	5.5	95.5	140

□:P:平面 Y:框面

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Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) Drop 20%	DCR(m Ω)	
				TYP. (25 $^{\circ}$ C)	MAX. (25 $^{\circ}$ C)
CST1260T□-R33M	0.33	45	60	0.75	1.1
CST1260T□-R36M	0.36	35	65	1	1.2
CST1260T□-R68M	0.68	30.0	60.0	1.2	1.6
CST1260T□-R82M	0.82	25.0	40.0	2.1	2.6
CST1260T□-1R0M	1	30.0	50.0	2.1	2.8
CST1260T□-1R5M	1.5	27.0	45.0	2.6	3.1
CST1260T□-2R2M	2.2	25.0	40Adrop25%	4.7	6.3
CST1260T□-3R3M	3.3	20.0	40.0	6.7	8.4
CST1260T□-4R7M	4.7	14.0	35A drop 30%	7.5	9.0
CST1260T□-6R8M	6.8	12.0	20.0	11.8	14.2
CST1260T□-100M	10.0	8.5	16.0	11.0	15.0
CST1260H□-R33M	0.33	40	65A drop 30%	0.75	1.1
CST1260H□-R47M	0.47	30	60A drop30%	1.3	2
CST1260H□-R82M	0.82	25	40A drop30%	2.3	3
CST1260H□-4R7M	4.7	12	24A drop30%	6.6	8.6
CST1260H□-5R6M	5.6	12	20A drop30%	8	15
CST1260H□-6R8M	6.8	10	17A drop30%	11.8	14.2
CST1260H□-100M	10	10	15A drop30%	14.8	20.7

□:P:平面 Y:框面

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- ※4: Irms : DC current (A) that will cause an approximate Δ T of 40 $^{\circ}$ C
- ※5: Isat : DC current (A) that will cause Lo to drop approximately 20%
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Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) Drop 30%	DCR(m Ω)	
				TYP. (25 $^{\circ}$ C)	MAX. (25 $^{\circ}$ C)
CST1265F□-1R0M	1.0	25.0	40.0	2.1	2.5
CST1265F□-1R2M	1.2	20	32	2.1	2.6
CST1265F□-2R2M	2.2	18	30	5	6
CST1265F□-3R3M	3.3	15	25	5.2	6
CST1265F□-4R7M	4.7	14	22	6.7	9
CST1265F□-5R6M	5.6	12	20	8	10
CST1265F□-6R8M	6.8	10	18	8.6	11
CST1265F□-8R2M	8.2	9	15	10	13
CST1265F□-100M	10	8	13	11.8	14.4
CST1265F□-150M	15	8	12	18	22
CST1265F□-180M	18	6	10	29	36
CST1265F□-220M	22	6	10	30	36
CST1265F□-270M	27	6	9	36	46
CST1265F□-330M	33	5	9	36	44
CST1265F□-390M	39	3.5	7	50	65
CST1265F□-470M	47	4	6	62	75
CST1265F□-680M	68	3	5.5	96	115
CST1270F□-101M	100	3	4.5	98	118
CST1270F□-221M	220	1	2	365	380

□:P:平面 Y:框面

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- ※4: Irms : DC current (A) that will cause an approximate ΔT of 40 $^{\circ}$ C
- ※5: Isat : DC current (A) that will cause Lo to drop approximately 30%
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Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) Drop 20%	DCR(m Ω)	
				TYP. (25°C)	MAX. (25°C)
CST1265T□-100M	10	10	16.5	12	16.5
CST1265T□-220M	22	9	12	32	45
CST1265T□-330M	33	8	11	47	58
CST1265T□-470M	47	5	10	90	115
CST1265H□-100M	10	9	16A drops30%	12.7	20.7
CST1265H□-220M	22	8	10A drop 30%	44	55
CST1265H□-330M	33	6	9A drop 30%	75	96
CST1265H□-470M	47	4	8A drops30%	92	119

□:P:平面 Y:框面

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- ※3: All test data is referenced to 25°C ambient.
- ※4: Irms : DC current (A) that will cause an approximate ΔT of 40°C
- ※5: Isat : DC current (A) that will cause Lo to drop approximately 20%
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Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) Drop 30%	DCR(m Ω)	
				TYP. (25 $^{\circ}$ C)	MAX. (25 $^{\circ}$ C)
CST1770F□-R22M	0.22	60	80	0.2	0.4
CST1770F□-R56M	0.56	55	70	0.7	1
CST1770F□-1R0M	1.0	32	56	1.02	1.12
CST1770F□-1R5M	1.5	31	50	1.3	1.9
CST1770F□-2R2M	2.2	28.0	40.0	2.3	2.7
CST1770F□-4R7M	4.7	20.0	26.0	3.9	4.7
CST1770F□-6R8M	6.8	13.0	23.0	5.6	6.9
CST1770F□-8R2M	8.2	12.0	22.0	7.0	8.4
CST1770F□-100M	10.0	10.0	18.0	7.0	8.5
CST1770F□-150M	15.0	9.0	17.0	17.7	22.0
CST1770F□-220M	22.0	8.0	15.0	21.0	25.0
CST1770F□-330M	33.0	7.5	10.0	27.0	35.0
CST1770F□-470M	47.0	6.0	9.0	39.0	47.0
CST1770F□-680M	68.0	5.0	8.5	67.0	80.0
CST1770F□-820M	82.0	5.0	8.0	86.0	100.0
CST1770F□-101M	100.0	4.0	7.0	104.0	125.0
CST1770F□-121M	120.0	3.2	5.5	106.0	138.0
CST1770F□-151M	150.0	3.0	5.0	135.0	162.0
CST1770F□-351M	350.0	2.0	3.5	382.0	458.0

□:P:平面 Y:框面

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Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) Drop 30%	DCR(m Ω)	
				TYP. (25°C)	MAX. (25°C)
CST1770H□-R33M	0.33	55	75.5	0.58	0.67
CST1770H□-R47M	0.47	62	64.5	0.79	0.87
CST1770H□-R56M	0.56	61	66	0.82	0.91
CST1770H□-R82M	0.82	45	56.5	0.97	1.08
CST1770H□-1R0M	1.0	32	55.5	1.20	1.27
CST1770H□-1R5M	1.5	31	48	1.50	1.62
CST1770H□-2R2M	2.2	28.0	43.5	1.83	2.0
CST1770H□-3R3M	3.3	27.0	35.0	2.81	2.9
CST1770H□-4R7M	4.7	21.0	30.0	4.02	4.18
CST1770H□-100M	10.0	17.0	19.0	8.92	9.33
CST1770H□-150M	15.0	12.0	14.0	13.85	14.40
CST1770H□-220M	22.0	9.5	12.0	20.00	21.00
CST1770H□-330M	33.0	9.0	10.7	36.00	37.00

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Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) Drop 20%	DCR(m Ω)	
				TYP. (25 $^{\circ}$ C)	MAX. (25 $^{\circ}$ C)
CST1770T□-R22M	0.22	60	110	0.4	0.6
CST1770T□-R33M	0.33	55	100	0.68	0.82
CST1770T□-1R0M	1.0	48	70	1.03	1.12
CST1770T□-1R5M	1.5	42	60	1.5	1.9
CST1770T□-2R2M	2.2	30.0	45.0	2.3	2.7
CST1770T□-3R3M	3.3	25.0	40.0	3.8	4.2
CST1770T□-4R7M	4.7	30.0	35.0	3.9	5.0
CST1770T□-5R6M	5.6	24.0	36.0	5.0	6.5
CST1770T□-6R8M	6.8	18.0	30.0	5.7	6.9
CST1770T□-8R2M	8.2	14.0	27.0	7.6	9.5
CST1770T□-100M	10.0	13.0	26.0	9.2	11.0
CST1770T□-150M	15.0	10.0	20.0	19.0	23.0
CST1770T□-220M	22.0	10.0	18.0	21.0	25.0
CST1770T□-330M	33.0	6.5	10.0	27.0	35.0
CST1770T□-560M	56.0	7.8	9.0	55.0	62.0
CST1770T□-680M	68.0	7.5	9.0	67.0	80.0
CST1770T□-101M	100.0	7.0	12A drop 30%	104.0	115.0
CST1770T□-151M	150.0	3.0	6A drop 25%	135.0	162.0
CST1770T□-351M	350.0	2.5	5A drop 25%	380.0	420.0

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Coil-Rida Part Number	L0 Inductance (μ H)	Heat Rating Current Irms(A)	Saturation Current Isat (A) Drop 20%	DCR(m Ω)	
				TYP. (25°C)	MAX. (25°C)
CST2213T□-R47M	0.47	80.0	100.0	0.56	0.67
CST2213T□-1R0M	1.0	69.0	71.0	0.86	0.89
CST2213T□-2R2M	2.2	58.0	48.0	1.22	1.25
CST2213T□-3R3M	3.3	49.0	41.0	1.50	1.80
CST2213T□-4R7M	4.7	47.0	37.0	1.77	1.84
CST2213T□-6R8M	6.8	36.0	36.0	2.84	3.09
CST2213T□-100M	10	28.0	28.0	3.80	4.14
CST2213T□-150M	15.0	23.5	24.0	5.62	6.11
CST2213T□-220M	22	17.5	16.0	10.60	10.80
CST2213T□-330M	33.0	15.5	10.5	15.10	15.40
CST2213T□-470M	47	13.5	10.5	17.30	17.70
CST2213T□-750M	75.0	12.0	12.0	29.76	32.35
CST2213T□-820M	82	10.2	9.0	31.46	34.20
CST2213T□-101M	100.0	9.1	7.0	36.25	39.40
CST2213F□-151M	150	6.0	8A Drops30%	68.0	90.00
CST2213F□-221M	220.0	4.5	6A Drops30%	98.0	130.00
CST2213F□-401M	400	4.0	6A Drops30%	208.0	270.00

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