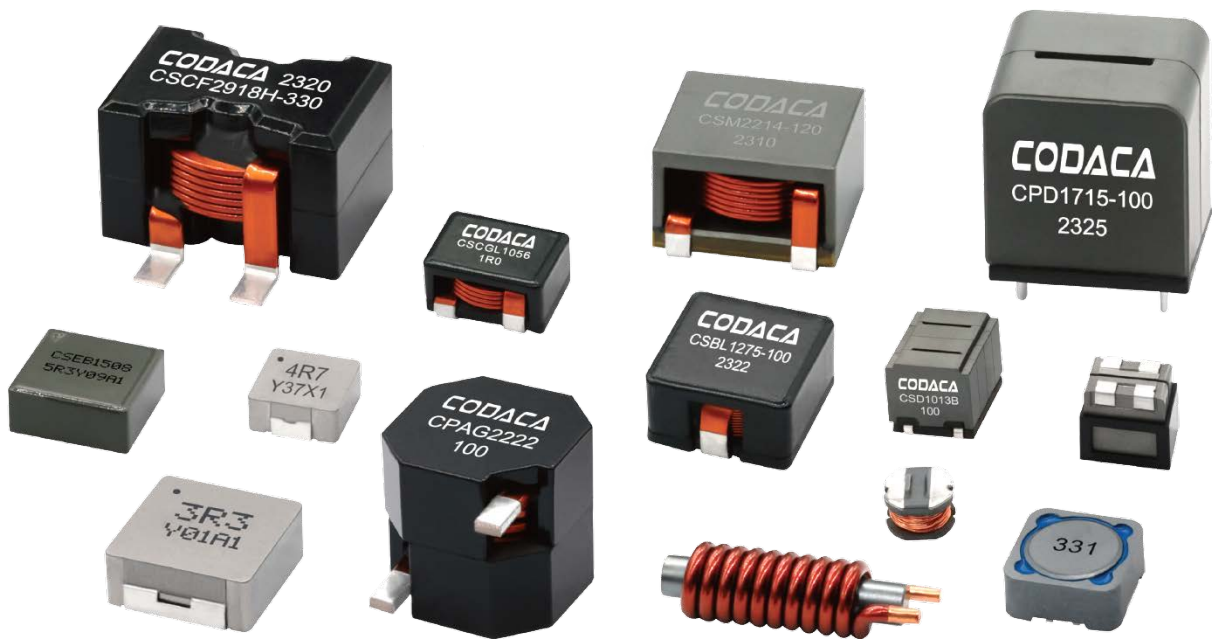


CODACA

AEC-Q200 Compliant Product 2023/2024



CODACA ELECTRONIC CO.,LTD

AEC-Q200 Compliance

About this Guide

- CNAS certificated lab
- High current power inductor, Inductor for digital AMP, Molding power choke, Drum core inductor, Rod inductor
- Operation temperature up to +125°C/150°C/+165°C

TABLE 5 - Stress Qualifications for Magnetics (Inductors/Transformers)

Stress		Reference	Additional Requirements
1	Pre-and Post-Stress Electrical Test	GB/T 8554: 1998 4.4.1.1/4.4.4.1	Test is performed except as specified in the applicable stress reference and the additional requirements in Table 5.
2	High Temperature Exposure(Storage)	MIL-STD-202-108 2015	1000 hrs. at rated operating temperature. Unpowered. Measurement at 24±4 hours after test conclusion.
3	Temperature Cycling	JESD22-A104F 2020	Lower Temperature: -40° C, Upper Temperature: maximum specified operating temperature and shall not exceed 125° C.1000 Cycles. Unpowered. Dwell Time (Soak Dwell Time (Soak Time): 15 minutes minimum, 30 minutes minimum if component weighs above 28g, Measurement at least 24 hours after test Conclusion.
4	Biased Humidity	MIL-STD-202-103 2015	1000 hours 85° C/85%RH. Unpowered. Measurement at 24±4 hours after test conclusion.
5	High Temperature Operating Life	MIL-STD-202-108 2015	1,000 hours. Upper Temperature of the Chamber: maximum specified operating temperature (not including heat rise) at maximum rated power and shall not exceed 125° C. Measurement at 24±4 hours after test conclusion.
6	External Visual	MIL-STD-883L 2019 Method 2009.14	Inspect device construction, marking and workmanship. Electrical Test not required.
7	Physical Dimensions	JESD22-B100B 2003	Verify physical dimensions to the applicable device detail specification. Note: User(s) and Suppliers spec. Electrical Test not required.
8	Terminal Strength (for axial and radial THT components)	MIL-STD-202-211 2020	Test THT component lead integrity only. Select different force values according to the nominal cross-sectional area
9	Resistance to Solvents	MIL-STD-202-215A 2020	In addition to the Method 215 solvents, add an Aqueous wash chemical. Applicable to ink marked components and not laser marked components.
10	Mechanical Shock	MIL-STD-202-213 2015	Figure 1 of Method 213. Condition C.
11	Vibration	MIL-STD-202-204 2015	5g's for 20 minutes, 12 cycles each of 3 orientations. Test from 10-2000 Hz.
12	Resistance to Soldering Heat	MIL-STD-202-210 2015	THT: Conditions B or C SMD: Condition K, time above 217° C, 60s – 150s
13	Solder ability	JEDEC J-STD-002E: 2017	Through-hole Technology (THT):Method A1, Coating Durability Category 2. SMD: Method B1, Coating Durability Category 2, Method D, Coating Durability Category.
14	Electrical Characterization	GB/T 8554: 1998 4.4.1.1/4.4.4.1	Parametrically test sample size requirements, summary to show Min, Max, Mean and Standard evaluation at room as well as Min and Max operating temperatures.
15	Board Flex(SMD)	AEC-Q200 -005 REV A 2010-6-1	60 sec minimum holding time.
16	Terminal Strength(SMD)	AEC-Q200-006 REV A 2010-6-1	/

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L*W*H(mm)	5.90x5.30x3.00	5.90x5.30x5.00	7.00x6.90x3.00	7.00x6.90x3.70	7.00x6.90x4.70	11.2x10.2x3.00	11.2x10.2x4.00	11.2x10.2x4.70	11.2x10.2x5.70	13.8x12.8x3.20	13.8x12.8x4.70												
Inductor(μH)	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	
0.08	40.0	25.0																					
0.10					52.0	23.0																	
0.18													60.0	30.0	55.0	32.0							
0.19																						70.0	32.0
0.20	23.0	19.0									50.0	22.0											
0.22					42.0	19.0																	
0.24							30.0	21.0															
0.25									35.0	21.0										50.0	24.0		
0.36	15.0	14.0																					
0.38													50.0	22.0			54.0	25.0					
0.39															38.0	24.0							
0.42			19.0	19.0																			
0.45																						55.0	26.0
0.47					28.0	14.5	25.0	19.0	25.0	18.0	32.0	18.0											
0.60	12.2	12.0	16.0	16.0																			
0.66													40.0	18.0									
0.68							20.0	17.5												40.0	22.0		
0.70																							
0.82			14.0	14.0											30.0	23.0						42.0	24.0
0.85	10.0	9.00																					
1.00					13.0	11.5	19.0	15.5	21.0	15.0	21.0	15.0	32.0	16.0			30.0	21.0				35.0	25.0
1.10			12.0	12.0																			
1.20	8.00	7.50													25.0	19.0					28.0	17.0	
1.50					11.0	8.70	14.0	11.5	16.0	13.5	18.0	12.0	28.0	14.0			26.0	19.0					
1.60	7.30	6.50																				27.0	22.0
1.70			9.30	9.30																			
1.80															20.0	17.0							
2.00	6.50	6.00							14.0	11.8													
2.10			8.20	8.20																			
2.20					9.00	7.80	13.0	9.00			15.0	9.00	22.0	11.0			23.0	16.0	18.0	14.0	23.0	18.0	
2.50											12.0	9.00			17.0	15.0							
2.70									11.8	10.3				15.0	11.0								
2.80																							
2.90																	20.0	14.0					
3.30									10.5	9.00					15.0	13.0				14.0	12.0	19.0	16.5
3.40			6.50	6.50																			
3.50							11.0	6.80					13.0	9.50									
3.60																							
3.80																	17.0	12.0					
3.90									10.0	8.00													
4.20															14.0	11.0							
4.50													11.0	8.00								17.0	14.0
4.60			5.60	5.60																			
4.70							8.50	6.40	9.00	6.50							16.0	10.8	12.5	9.00			
5.10																							

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	CSBL0530 +150 °C Shielded		CSBL0550 +150 °C Shielded		CSBL0630 +150 °C Shielded		CSBL0640 +150 °C Shielded		CSBL0650 +150 °C Shielded		CSBL1030 +150 °C Shielded		CSBL1040 +150 °C Shielded		CSBL1050 +150 °C Shielded		CSBL1060 +150 °C Shielded		CSBL1235 +150 °C Shielded		CSBL1250 +150 °C Shielded		
L*W*H(mm)	5.90x5.30x3.00		5.90x5.30x5.00		7.00x6.90x3.00		7.00x6.90x3.70		7.00x6.90x4.70		11.2x10.2x3.00		11.2x10.2x4.00		11.2x10.2x4.70		11.2x10.2x5.70		13.8x12.8x3.20		13.8x12.8x4.70		
Inductor(μH)	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	
5.60							7.80	5.50	8.50	6.20			10.0	7.20	12.0	10.3	14.0	9.60	11.0	6.80	15.0	12.0	
5.80			5.00	4.50																			
6.50							6.50	4.60															
6.80			4.30	4.30					7.80	6.00			9.50	5.60	10.0	9.00	13.0	8.70				13.0	10.3
7.10																							
7.30																							
7.60									7.00	6.00													
8.00																							
8.20			3.80	3.80											9.50	8.10	11.0	7.80				11.0	10.3
8.50																							
8.80									6.50	4.80													
9.20																							
10.0									6.00	4.40					8.50	7.10	10.0	6.20				10.0	8.80
11.0																							
12.0																							
13.0									5.00	3.10													8.80 7.50
14.0																							
15.0														7.00	5.50	8.70	5.60					8.00	6.50
18.0														6.20	5.00								7.50 5.50
20.0																							
22.0																	6.50	4.50					6.50 4.70
27.0																	5.80	4.00					
30.0																							
33.0																							
39.0																							
42.0																							
47.0																							
56.0																							
68.0																							
82.0																							
100																							
150																							
180																							
220																							
330																							
470																							
560																							
680																							
820																							
1000																							

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L*W*H(mm)	13.8x12.8x6.20	13.8x12.8x7.30	16.8x16.0x6.70	19.3x18.2x8.90	22.5x22.0x12.0	7.00x6.90x3.00	7.00x6.90x3.70	7.00x6.90x4.70	11.2x10.2x3.00	11.2x10.2x4.00	11.2x10.2x4.70											
Inductor(μH)	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms
0.10											70.0	23.0										
0.18																			80.0	30.0	80.0	32.0
0.19																						
0.20	70.0	36.0															65.0	22.0				
0.22											48.0	19.0										
0.24													45.0	21.0								
0.25															60.0	21.0						
0.38																			65.0	22.0		
0.39																						55.0 24.0
0.45																						
0.47	55.0	32.0									34.0	14.5	35.0	19.0	39.0	18.0	40.0	18.0				
0.60			60.0	36.0																		
0.66																			50.0	18.0		
0.80																						
0.68												30.0	17.5									
0.82							70.0	41.5													36.0	23.0
0.85	50.0	26.0																				
1.00			50.0	32.0	45.5	33.0					18.5	11.5	24.0	15.5	27.0	15.0	25.0	15.0	41.0	16.0		
1.20																						32.0 19.0
1.30	35.0	25.0					67.0	36.0														
1.50			42.0	28.0	40.0	30.0					15.0	8.70	18.0	11.5	22.5	13.5	22.0	12.0	33.0	14.0		
1.60																						
1.80																						27.0 17.0
2.00	30.0	23.0					57.0	32.5							19.5	11.8						
2.20			36.0	24.0	32.0	25.0					12.0	7.80	16.0	9.00			18.0	9.00	28.0	11.0		
2.50																	15.0	9.00			23.0	15.0
2.70	28.0	20.0					50.0	31.5							16.5	10.3			22.0	11.0		
3.30			30.0	22.0	28.0	23.0			50.0	32.0					15.3	9.00					19.0	13.0
3.50													14.0	6.80					19.0	9.50		
3.60	24.0	17.0					43.0	25.0														
3.80																						
3.90															14.0	8.00						
4.20																					17.0	11.0
4.50																			16.0	8.00		
4.70	21.0	14.0	25.0	19.0	23.0	20.0	39.0	22.5	42.0	30.0			11.0	6.40	12.7	6.50						
5.60			22.0	17.0	21.0	18.0	35.0	21.0					9.50	5.50	11.4	6.20			14.5	7.20	14.0	10.3
5.80	18.0	12.0																				
6.50					20.0	16.0							8.20	4.60								
6.80			20.0	14.0			31.0	18.5	38.0	26.0					10.3	6.00			13.0	5.60	12.5	9.00
7.30	13.0	13.0																				
7.60															8.30	6.00						
8.20			18.0	12.0	18.0	15.0			34.0	24.0											11.5	8.10
8.50							28.0	18.0														
8.80															7.90	4.80						
9.20	12.0	12.0																				

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L*W*H(mm)	13.8x12.8x6.20		13.8x12.8x7.30		16.8x16.0x6.70		19.3x18.2x8.90		22.5x22.0x12.0		7.00x6.90x3.00		7.00x6.90x3.70		7.00x6.90x4.70		11.2x10.2x3.00		11.2x10.2x4.00		11.2x10.2x4.70		
Inductor(μH)	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	
10.0			16.0	11.0	16.0	13.0	24.0	16.0	31.0	21.0					7.40	4.40					10.2	7.10	
11.0	11.0	11.0																					
12.0			13.0	10.0																			
13.0	10.0	10.0												6.50	3.10								
15.0	9.50	9.00	11.0	9.30	12.5	11.0	19.0	14.0	26.0	18.0											8.75	5.50	
18.0	8.50	8.50	10.0	8.50																		8.30	5.00
22.0	8.00	8.00	9.50	8.00	10.5	8.50	14.0	11.0	21.0	15.0													
27.0	6.50	6.50	8.50	7.00																			
30.0																							
33.0	6.00	5.50	8.00	6.00			11.0	8.50	18.0	11.5													
39.0	5.70	4.50	6.80	5.50					16.0	9.50													
47.0	5.00	4.00	6.00	5.00			9.40	6.80	15.0	9.00													
56.0			5.70	4.00			8.50	6.50	13.0	8.20													
68.0									12.5	7.50													
82.0									10.0	7.00													
100									9.00	6.10													
150																							
180																							
220																							
330																							
470																							
560																							
680																							
820																							
1000																							

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L*W*H(mm)	11.2x10.2x5.70		13.8x12.8x3.20		13.8x12.8x4.70		13.8x12.8x6.20		13.8x12.8x7.30		16.8x16.0x6.70		19.3x18.2x8.90		22.5x22.0x12.0		10.2x7.20x5.30		12.8x9.80x6.30		10.2x7.20x5.30		
Inductor(μH)	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	
0.15																							
0.18																							
0.19					100	32.0																	
0.20							> 110	36.0															
0.22																							
0.25			70.0	24.0																			
0.26																							
0.33																							
0.35																							
0.36																							
0.38	70.0	25.0																					
0.39																							
0.42																							
0.45					72.0	26.0																	
0.47							90.0	32.0															
0.60									80.0	36.0													
0.66																							
0.68			45.0	22.0																			
0.80																							
0.82					55.0	24.0							88.0	41.5									
0.85							63.0	26.0															
0.92																							
1.00	40.0	21.0			51.0	25.0			68.0	32.0	66.0	33.0					40.0	24.0					
1.20			32.0	17.0																			
1.30							50.0	25.0					67.0	36.0			19.0	15.0			27.0	15.0	
1.50	34.0	19.0							54.0	28.0	49.0	30.0							32.0	20.0			
1.60					43.0	22.0																	
1.80																							
2.00							41.0	23.0					58.0	32.5			15.0	13.0			21.0	13.0	
2.20	29.0	16.0	22.0	14.0	35.0	18.0			45.0	24.0	40.0	25.0							26.0	17.0			
2.40																							
2.50																							
2.60																				24.0	15.0		
2.70							35.0	20.0					50.0	31.5			13.0	11.0			18.0	11.0	
2.90	26.0	14.0																					
3.00																							
3.30			18.0	12.0	30.0	16.5			37.0	22.0	34.0	23.0			70.0	32.0			21.0	13.0			
3.50																	11.0	9.50			15.5	9.50	
3.60							30.0	17.0					43.0	25.0									
3.80	22.0	12.0																					
4.20																							
4.50					26.0	14.0																	
4.60																							
4.70	21.0	10.8	15.2	9.00			27.0	14.0	30.0	19.0	32.0	20.0	39.0	22.5	58.0	30.0	9.50	8.50	18.0	12.0	13.0	8.50	

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L*W*H(mm)	11.2x10.2x5.70	13.8x12.8x3.20	13.8x12.8x4.70	13.8x12.8x6.20	13.8x12.8x7.30	16.8x16.0x6.70	19.3x18.2x8.90	22.5x22.0x12.0	10.2x7.20x5.30	12.8x9.80x6.30	10.2x7.20x5.30												
Inductor(μH)	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	
5.60	18.0	9.60	14.5	6.80	23.0	12.0			27.0	17.0	26.0	18.0	35.0	21.0			9.00	8.00	16.5	11.0	12.3	8.00	
5.80					24.0	12.0																	
6.00																							
6.50									23.0	16.0													
6.80	16.5	8.70			20.5	10.3			25.5	14.0			31.0	18.5	48.0	26.0	8.00	7.50	15.0	9.50	11.0	7.50	
7.30							18.5	13.0															
7.50																							
8.00																			13.5	8.50			
8.20	15.0	7.80			17.5	10.3			23.0	12.0	21.0	15.0			45.0	24.0	6.80	6.20			10.1	6.20	
8.50													28.0	18.0									
8.80																							
9.20					16.3	12.0																	
10.0	12.5	6.20			16.0	8.80			21.0	11.0	18.0	13.0	26.0	16.0	40.0	21.0	6.00	5.80			9.00	5.80	
11.0					15.0	11.0																	
12.0									19.5	10.0					37.0	19.5							
13.0					13.5	10.0																	
15.0	10.5	5.60			12.5	9.00	16.0	9.30	17.0	11.0	22.0	14.0	32.0	18.0									
18.0					11.2	8.50	14.5	8.50															
20.0																							
22.0	8.80	4.50			10.7	8.00	12.0	8.00	14.0	8.50	17.5	11.0	27.0	15.0									
27.0	8.00	4.00			9.50	6.50	11.4	7.00															
33.0					8.80	5.50	10.6	6.00					14.0	8.50	22.0	11.5							
39.0					8.00	4.50	9.00	5.50							20.5	9.50							
47.0					7.20	4.00	8.20	5.00					11.5	6.80	18.5	9.00							
56.0							7.50	4.00					10.8	6.50	17.0	8.20							
68.0															15.0	7.50							
82.0															13.8	7.00							
100															12.5	6.10							
220																							
330																							
470																							
560																							
680																							
820																							
1000																							

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AEC-Q200 Compliant Products



1. CODACA fully equipped laboratory has CNAS certification and qualifies us to carry out all environmental and reliability tests according to AEC-Q200 in-house.
2. Product range contains high current power inductor, inductor for digital AMP, molding power choke, drum core inductor, rod inductor.
3. AEC-Q200 grade of CODACA product includes grade 1 and 0.



	CSCGX1265 +150 °C Shielded		CSCM1250 +125 °C Shielded		CSCM1260 +125 °C Shielded		CSCM1265 +125 °C Shielded		CSCM1290 +125 °C Shielded		CSCM1460 +125 °C Shielded		CSCM1480H +125 °C Shielded		CSCIL1056 +150 °C Shielded		CSCF2014 +125 °C Shielded		CSCF2915H +125 °C Shielded		CSCF2918H +125 °C Shielded		
L*W*H(mm)	12.8x9.80x6.30	12.7x12.5x5.00	12.7x12.5x6.00	12.7x12.5x6.50	13.5x12.5x9.00	14.8x14.5x6.00	14.8x14.5x8.00	10.2x10.0x5.60	22.5x21.8x14.5	27.9x27.9x15.4	28.0x27.0x18.5												
Inductor(μH)	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms		Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms
0.30												87.6	23.0										
0.47			31.0	26.5																			
0.50							35.0	29.5															
0.56											46.0	23.0											
0.60															26.0	19.0							
0.68											40.0	23.0											
0.70													58.0	21.5			75.0	32.0					
0.80					29.0	20.0																	
0.92															21.0	16.0							
1.00	47.0	24.0	21.0	19.0	28.0	20.0																	
1.20					21.0	19.0					35.0	19.5	44.7	20.0									
1.30															18.0	14.0							
1.40																	60.0	31.5					
1.50	38.0	20.0	18.0	15.0		26.0	17.5				27.5	19.5											
1.80													37.0	17.5	15.4	12.5							
2.20	30.0	17.0	16.5	11.5	19.0	17.0	22.0	15.5			24.5	15.0					52.0	30.5	>100	32.0			
2.40															13.0	11.0							
2.60	28.0	15.0											30.5	16.0									
2.70			14.3	11.5							20.5	15.0											
3.00															11.5	10.0							
3.10																	45.0	26.0					
3.30	25.0	13.0	14.0	10.0			16.5	12.0											68.0	32.0	94.0	30.0	
3.50											18.7	12.0	26.0	12.5									
4.00			12.0	10.0	13.0	11.5	13.5	12.0															
4.20													17.0	12.0			38.0	24.0					
4.70	21.0	12.0			11.5	9.50	13.5	10.5					22.0	11.0	9.50	7.70			50.0	32.0	65.0	30.0	
5.00													15.2	9.50									
5.50																	33.0	22.0					
5.60	19.0	11.0					11.5	10.5							9.00	6.80							
5.90													20.5	10.0									
6.10												13.5	9.50										
6.50															8.50	6.50							
6.80	17.0	9.50	9.20	7.50	10.5	8.20	10.5	10.0	18.0	9.00									36.0	32.0	48.0	30.0	
7.00																	30.0	21.0					
7.30													18.3	8.50									
7.50															7.80	5.60							
8.00	15.8	8.50																					
8.20							10.0	8.20				11.0	8.20										
8.60																	25.0	17.0					
8.80														7.20	5.40								
10.0					7.00	8.00	9.30	7.10	13.0	9.00	9.50	8.20		6.80	5.20	23.0	16.0	23.0	32.0	33.0	30.0		
15.0									9.00	9.00						21.0	14.0	15.0	32.0	24.0	30.0		
17.0					5.00	5.50	5.00	6.00															
22.0									6.80	7.70						15.0	12.5	9.60	32.0	15.0	30.0		

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AEC-Q200 Compliant Products

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3. AEC-Q200 grade of CODACA product includes grade 1 and 0.



	CSCGX1265 +150 °C Shielded		CSCM1250 +125 °C Shielded		CSCM1260 +125 °C Shielded		CSCM1265 +125 °C Shielded		CSCM1290 +125 °C Shielded		CSCM1460 +125 °C Shielded		CSCM1480H +125 °C Shielded		CSCIL1056 +150 °C Shielded		CSCF2014 +125 °C Shielded		CSCF2915H +125 °C Shielded		CSCF2918H +125 °C Shielded	
L*W*H(mm)	12.8x9.80x6.30	12.7x12.5x5.00	12.7x12.5x6.00	12.7x12.5x6.50	12.5x13.5x9.00	14.8x14.5x6.00	14.8x14.5x8.00	10.2x10.0x5.60	22.5x21.8x14.5	27.9x27.9x15.4	28.0x27.0x18.5											
Inductor(μH)	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms
25.0					3.80	5.80																
33.0							4.40	7.70							11.0	12.0	5.90	32.0	10.5	30.0		
42.0					2.40	5.30																
47.0							3.00	7.70							8.50	11.5						
56.0																						
68.0																						
82.0																						
100																						
150																						
180																						
220																						
330																						
470																						
560																						
680																						
820																						
1000																						

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L*W*H(mm)	CPCF3218A +125 °C Shielded		CPEX2017L +150 °C Shielded		CPEX2022L +150 °C Shielded		CPEX2622L +150 °C Shielded		CPEX2626L +150 °C Shielded		CPEX2722 +150 °C Shielded		CPEX3222L +150 °C Shielded		CPEX3231L +150 °C Shielded		CPRX2520L +150 °C Shielded		CPAG222 +125 °C Shielded		CPU2916 +125 °C Shielded		
	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	
1.00																							
1.20																150	80.0						
1.50																							
1.90																				113	57.0		
2.20							120	79.0								110	75.0		88.0	57.0			
2.60																							
2.70					82.0	60.0																	
2.80																				96.0	49.0		
3.20																			76.0	49.0			
3.30	80.0	55.0	70.0	52.5												90.0	65.0				104	26.0	
3.60							101	65.0															
3.90					72.0	54.0														86.0	47.0		
4.10									92.0	60.0													
4.30																				62.0	47.0		
4.70			55.0	41.8											115	84.0	70.0	62.0			69.0	26.0	
5.10																				76.0	42.0		
5.20					60.0	48.0																	
5.60							70.0	56.0												59.0	42.0		
6.20													88.0	65.0									
6.50					55.0	42.0			72.0	56.0										66.0	37.0		
6.80	55.0	50.0														60.0	53.0				53.0	26.0	
7.10																				50.0	37.0		
7.50							60.0	48.0															
7.60			46.0	34.0																			
8.00																				60.0	34.0		
8.20					47.0	38.5										50.0	47.0						
8.80																				46.0	34.0		
10.0	45.0	40.0	41.0	31.0	44.0	35.0	52.0	41.0	59.0	44.0	95.0	26.5			79.0	55.0	45.0	44.0	42.0	32.0	34.0	26.0	
12.0							49.0	39.0			80.0	26.5											
15.0			31.0	24.0	33.0	29.0	42.0	34.0	50.0	36.0	63.0	26.5									23.0	26.0	
18.0									44.0	33.0	48.0	26.5	49.0	38.0									
20.0																							
22.0			24.0	20.5	27.0	24.0	37.0	28.0	38.0	30.0	33.0	26.5									14.7	26.0	
27.0									32.0	28.0	30.0	26.5											
33.0																						9.20	26.0
35.0									30.0	25.0													
36.0													36.0	27.0									
45.0															34.0	30.0							
47.0													30.0	23.0									
68.0																							
82.0																							
100																							
150																							
220																							

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AEC-Q200 Compliant Products



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L*W*H(mm)	CPQ4228 +125°C Shielded		CPG2717 +125°C Shielded		CSD0910B +125°C Shielded		CSD1013B +125°C Shielded		CSD1013H +125°C Shielded		CPD1415B +125°C Shielded		CPD1715 +125°C Shielded		CPD1715F +125°C Shielded		CPD2315S +125°C Shielded		CPD2320FA +125°C Shielded		CPD3119FA +125°C Shielded	
	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms
1.30																						
1.50																						
1.80																						
2.00																						
2.20																						
2.50																						
2.70																						
2.90																						
3.00																						
3.30			85.0	33.7	10.5	6.00	12.0	5.10														
3.60																						
3.80																						
3.90																						
4.20																						
4.70			59.0	33.7	10.0	5.00	16.0	4.40			17.5	13.0										
5.60																						
5.80																						
6.00											16.1	11.0										
6.50																						
6.80	75.0	34.0	41.0	33.7	8.70	5.00	11.0	4.40														
7.00														33.7	19.0							
7.30																						
7.50											14.5	9.00										
8.20					6.80	5.00	7.20	4.40														
10.0	60.0	34.0	28.0	33.7	5.60	5.00	7.10	4.20	8.50	3.70	12.3	8.00	26.0	8.20	29.0	17.0	38.0	9.40	42.0	31.0	67.0	30.0
11.0																						
12.0					5.00	4.80	6.00	4.00					25.0	8.20	25.1	17.0						
13.0																						
15.0	47.0	34.0	18.0	33.7	4.60	3.50	5.30	3.80			9.30	7.00	18.0	8.20	20.0	17.0	31.0	9.20	31.0	31.0	50.0	30.0
18.0							4.60	3.80			8.50	6.80	16.0	8.20	17.5	17.0						
20.0																						
22.0	35.4	34.0	12.0	33.7	3.20	2.50	4.30	3.00			6.90	6.80	13.0	8.20	14.2	17.0	23.0	8.60	21.0	31.0	35.0	30.0
27.0																						
33.0	24.7	34.0	7.00	33.7									8.00	8.20	9.40	17.0	16.0	8.60				
39.0																						
47.0	17.6	34.0																				
56.0											6.00	8.20										
68.0	12.2	34.0																				
82.0																						
100	7.80	34.0																				
150	4.96	34.0																				
220	7.20	17.5																				
330	5.20	17.5																				
470	3.60	17.5																				

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	CPD3119SA +125°C Shielded		CSAD0660 +125°C Shielded		CSAD1010 +125°C Shielded		VSAB0530 +155°C Shielded		VSAB0630 +155°C Shielded		VSAB0640 +155°C Shielded		VSAB0650 +155°C Shielded		VSAB1040 +155°C Shielded		VSAB1054 +155°C Shielded		VSAB1365 +155°C Shielded		VSAB1770 +155°C Shielded		
L*W*H(mm)	31.0x19.0x33.0		7.80x7.80x7.30		11.0x9.60x10.6		5.45x5.20x2.80		6.95x6.60x2.80		6.95x6.60x3.80		6.95x6.60x4.80		10.85x10.0x3.80		10.85x10.0x5.20		13.45x12.6x6.30		17.45x16.95x6.80		
Inductor(μH)	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	
0.10																							
0.15																							
0.22																							
0.33																							
0.36																							
0.47									16.5	16.0													
0.56																							
0.60																							
0.68							9.00	11.5															
0.80																							
0.82							8.50	11.0															
1.00							8.00	10.5	12.5	13.5					19.0	23.0			24.0	29.0			
1.20																							
1.30																							
1.50							6.40	8.20	10.0	11.0					15.5	18.0			18.0	27.5			
1.80																							
2.20							6.00	7.00	8.00	9.50					13.5	15.0			17.7	21.0			
2.70																							
2.90																							
3.00																							
3.30			10.0	7.80	16.0	11.0	5.30	5.50	7.60	7.60			9.00	8.80	12.0	11.0	15.8	14.3	17.0	19.5			
3.90																							
4.70			12.0	5.50			4.40	4.40	6.00	6.80			7.00	8.50	11.0	9.80	12.5	12.0	13.5	15.0	23.0	22.0	
5.60			9.50	5.00			3.80	3.80	4.80	5.80									12.0	14.0	19.8	18.5	
6.80			8.80	4.50			3.60	3.60	4.40	4.80	5.50	6.50			8.50	9.00			10.5	13.5	17.5	16.8	
8.20			7.50	4.00			3.00	3.00	3.90	4.40	5.00	5.00			7.40	7.70			10.0	12.0	16.5	16.0	
10.0	57.0	17.7	6.50	3.50	9.50	7.60	2.70	2.60	3.50	4.00	4.50	4.40	4.70	5.00	6.40	7.50	8.50	10.0	9.00	11.0	14.5	14.0	
12.0																							
13.0																							
15.0	48.0	15.5	5.50	3.00	8.00	6.00	2.20	2.20	3.00	3.30	3.30	3.50	3.80	3.80	5.80	6.00	6.80	8.50	7.20	8.50	12.0	12.5	
18.0	39.0	15.5																					
20.0																							
22.0	30.5	13.5	4.30	2.40	6.00	4.90			2.40	2.50	2.70	2.80	3.20	3.20	4.80	5.00	5.00	8.00	6.40	7.00	10.0	10.0	
27.0																							
30.0																							
33.0	24.5	13.5			5.00	4.00					2.00	1.90	2.50	2.50	3.80	4.00	4.50	4.50	4.40	5.50	9.20	9.50	
39.0																							
47.0					4.50	3.20					1.70	1.60	2.00	2.00	3.50	3.30	4.00	4.20	3.90	4.20	7.80	7.50	
56.0													1.60	1.60	2.60	2.70					6.50	6.50	
68.0															2.40	2.40					5.50	5.50	
82.0																					4.70	4.70	
100																							
220																							
330																							

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	VSHB0421 +155°C Shielded		VSHB0540 +155°C Shielded		VSHB0645 +155°C Shielded		VSHB0754T +165°C Shielded		VSHB1054T +165°C Shielded		VSEB0430H +155°C Shielded		VSEB0530H +155°C Shielded		VSEB0630H +155°C Shielded		VSEB0730H +155°C Shielded		VSEB0850H +155°C Shielded		VSRU27 +150°C Shielded	
L*W*H(mm)	4.40x4.20x1.90	5.50x5.20x3.80	7.15x6.60x4.30	7.70x7.40x5.20	10.85x10.2x5.20	4.30x4.30x3.00	5.55x5.35x3.00	6.65x6.45x3.00	7.90x7.60x3.00	8.80x8.30x4.80	27.8x25.8x16.9											
Inductor(μH)	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms
0.10																						
0.15																						
0.22																						
0.33	13.6	10.9																				
0.40	12.7	10.6																				
0.47	11.0	10.3									14.0	16.0										
0.56											13.1	15.5	16.1	17.7								
0.60	10.5	9.40																				
0.68	9.80	8.90									11.0	15.0	15.2	15.6								
0.80																						
0.82											10.5	12.8	15.0	13.1								
1.00	8.10	8.30	11.5	7.20	14.5	14.0			28.5	30.0	9.00	10.7	14.3	12.0							100	54.0
1.20															16.6	16.5	18.2	18.5				
1.30																						
1.50	6.30	7.20			12.0	12.0	16.5	11.6			8.50	9.00	10.7	11.0	13.2	15.5	13.6	16.5			67.0	54.0
1.80																						
2.20	5.50	5.60	10.2	6.90	11.0	11.0	15.0	9.80	23.0	23.0	6.80	8.30	8.30	10.0	12.2	12.0	11.0	14.3			71.1	47.3
2.50									22.0	21.0												
2.90																						
3.00																						
3.30	4.20	4.70	8.40	6.30	9.40	8.50	13.5	8.30	19.2	18.7	5.60	7.10	8.10	9.00	8.80	8.80	9.30	11.3			64.7	42.5
3.90																						
4.70	3.80	3.70	7.70	5.80	8.50	7.60	13.2	7.30	15.5	14.5			6.20	7.90	6.70	7.90	8.00	10.0			56.4	37.2
5.60	3.10	3.30	6.90	5.00	8.40	6.00	10.8	6.70	14.8	14.0					7.30	8.10						
6.80	2.90	2.90	6.30	4.30	7.50	6.00	10.4	6.40	13.3	12.0									9.70	12.0	44.1	35.0
8.20	2.60	2.60	5.60	3.70	7.20	5.80	9.10	5.80	12.4	10.2									9.00	10.3		
10.0	2.60	2.50	4.80	3.20	6.30	5.40	8.20	5.20	11.8	8.80									8.20	9.80	34.9	33.1
12.0																						
13.0																						
15.0			3.60	2.80	4.20	4.50	7.20	4.10	8.50	7.60									7.20	8.10	23.0	33.1
18.0							6.70	3.90														
20.0																						
22.0			3.00	2.40	3.20	3.00	6.30	3.70	7.30	6.30									6.20	5.80		
27.0																						
30.0																						
33.0					2.90	2.40	5.00	3.30	6.50	5.00												
39.0																						
47.0					2.60	2.00	4.10	2.50	4.70	4.20												
56.0					2.50	1.90	3.40	2.20														
68.0					2.40	1.80	2.80	2.00	3.90	3.40												
82.0																						
100									3.30	3.00												
220																						
330																						

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AEC-Q200 Compliant Products



1. CODACA fully equipped laboratory has CNAS certification and qualifies us to carry out all environmental and reliability tests according to AEC-Q200 in-house.
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3. AEC-Q200 grade of CODACA product includes grade 1 and 0.



	CSAB0420 +125°C Shielded		CSAB0518 +125°C Shielded		CSAB0530 +125°C Shielded		CSAB0718 +125°C Shielded		CSAB0724 +125°C Shielded		CSAB0730 +125°C Shielded		CSAB0740 +125°C Shielded		CSAB0750 +125°C Shielded		CSAB1030A +125°C Shielded		CSAB1040A +125°C Shielded		CSAB1045A +125°C Shielded	
L*W*H(mm)	4.40x4.20x1.80	5.40x5.20x1.60	5.40x5.20x2.80	7.25x6.60x1.60	7.25x6.60x2.20	7.25x6.60x2.80	7.25x6.60x3.80	7.25x6.60x4.80	11.5x10.0x2.80	11.5x10.0x3.80	11.5x10.0x4.30											
Inductor(μH)	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms
0.10	28.0	15.6					33.0	20.5			60.0	30.0										
0.12																						
0.13													50.0	35.0								
0.15							27.0	15.0			40.0	26.0	50.0	34.0			45.0	35.0	70.0	40.0		
0.22	18.0	11.7			19.0	16.3			34.0	21.0	34.0	21.5	35.0	28.0	40.0	30.0	38.0	32.0	48.0	35.0		
0.33	12.0	9.90			15.0	13.5					27.5	20.5										
0.36													25.0	21.5			28.0	25.0	46.0	30.0		
0.47	11.0	8.00	15.5	10.2	14.0	10.0	18.0	10.0			20.0	18.5	21.0	19.0			26.0	20.0	40.0	28.0		
0.56	10.0	7.90	15.0	10.0							20.0	16.5					24.0	18.0	33.0	26.5		
0.60																						
0.68	9.00	7.60	9.00	9.20	12.0	9.70					19.5	16.1	21.0	17.0					33.0	25.0		
0.80																						
0.82							14.0	8.60			16.0	14.7									30.0	22.5
1.00	9.00	6.20	9.00	7.30	12.0	8.70	12.0	7.60	16.0	9.50	15.5	12.7	18.5	14.6			21.0	14.0	28.0	21.5	28.0	21.5
1.20	7.00	6.20	9.00	6.10													20.0	13.6	27.0	18.5	27.0	17.5
1.30																						
1.50	6.00	4.50	7.50	5.60	12.0	7.40	9.00	5.90	15.0	7.50	14.0	10.9	12.5	12.4	10.5	12.7	20.0	13.0	26.0	18.0	23.0	15.5
1.80	6.00	4.50												13.0	11.4							
2.20	5.00	4.00	6.50	5.00	9.50	5.90	7.50	5.40	10.0	6.70	11.5	9.10	11.0	10.4	10.5	10.2	16.0	10.8	25.0	13.2	16.0	13.0
2.70									9.50	6.00	9.50	8.30										
2.90	5.00	3.40																				
3.00																						
3.30	4.00	3.30	5.00	4.00	6.00	5.00			8.00	5.70	9.50	7.80	9.50	8.40	9.00	8.00	14.0	8.80	16.0	10.7	14.5	11.0
3.90																						
4.70	3.30	2.80	4.00	3.20	5.00	4.10	5.00	3.70	6.00	4.90	9.50	5.50	9.00	6.50	7.00	6.60	12.0	7.20	14.0	9.90	13.0	10.2
5.60					4.50	3.90					6.00	5.30	7.00	5.70			10.0	6.70	12.5	8.10	10.5	9.20
6.80	3.00	2.05	3.40	2.80	4.00	3.30	3.50	2.90			6.00	4.90	6.00	5.40	7.50	6.50	8.50	6.00	10.0	7.70	9.50	8.10
8.20					4.00	2.80					6.00	4.50	6.00	5.00	6.50	4.70			9.50	7.30	9.00	7.20
10.0	2.20	1.80			4.00	2.60			4.00	2.95	5.50	4.20	6.00	4.80	5.30	4.30	7.50	5.00	9.30	6.90	8.00	6.90
12.0																						
13.0																						
15.0					3.00	2.40					4.50	3.30	4.50	3.70			6.00	3.90	7.00	5.80	7.00	5.50
18.0																						
20.0																						
22.0					2.30	2.00					3.50	2.50	4.00	3.30	4.00	3.20	5.00	3.50	6.00	4.70	6.50	4.90
33.0											2.50	2.20	3.00	2.40	3.30	3.00			5.00	3.70	5.50	4.10
39.0													2.80	2.20								
47.0													2.50	2.10	2.50	2.40			4.50	3.10		
56.0															2.30	2.15						
68.0																			3.80	2.60		
82.0																			3.00	2.20		
100																						
220																						
330																						

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AEC-Q200 Compliant Products



1. CODACA fully equipped laboratory has CNAS certification and qualifies us to carry out all environmental and reliability tests according to AEC-Q200 in-house.
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	CSAB1235A +125 °C Shielded		CSAB1250A +125 °C Shielded		CSAB1260A +125 °C Shielded		CSAB1265A +125 °C Shielded		CSAB1770 +125 °C Shielded		CSEB0420H +125 °C Shielded		CSEB0430H +125 °C Shielded		CSEB0440H +125 °C Shielded		CSEB0520H +125 °C Shielded		CSEB0530H +125 °C Shielded		CSEB0550H +125 °C Shielded	
L*W*H(mm)	13.8x12.6x3.30	13.8x12.6x4.80	13.8x12.6x5.80	13.8x12.6x6.30	17.8x17.0x7.00	4.30x4.30x2.00	4.30x4.30x3.00	4.30x4.30x4.10	5.55x5.35x2.00	5.55x5.35x3.00	5.55x5.35x5.10											
Inductor(μH)	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms
0.047											50.0	38.0										
0.15			75.0	50.0																		
0.16																	29.0	20.0	32.0	22.5		
0.18																						
0.22			70.0	50.0							18.8	17.0										
0.33			60.0	41.0									19.1	19.3			18.8	18.5	26.0	19.5		
0.40																						
0.47	45.0	30.0	50.0	35.0			57.0	40.0			12.1	13.5	15.5	17.3					23.5	18.5		
0.56											11.8	13.0	14.0	15.5			14.5	14.0	22.5	18.0		
0.60																						
0.68	40.0	28.0	40.0	28.5	40.0	40.0			57.0	35.0	10.5	12.0					13.5	12.0	15.0	15.5		
0.80			40.0	26.5																		
0.82											9.00	11.6										
1.00	30.0	24.0	37.0	25.5	31.0	30.5	42.0	31.0	41.0	35.0	8.40	10.0	9.50	10.2			11.0	10.6	14.1	12.0		
1.20											8.20	9.50	9.30	10.0			9.80	10.0	13.0	11.6		
1.30																						
1.50	25.0	16.5	33.0	22.0	28.0	27.5	40.0	25.0	40.0	33.0	6.30	9.20	8.30	9.00					11.5	11.1		
1.80							36.0	21.0											11.2	10.9		
2.20	20.0	14.5	32.0	17.0	28.0	22.0	28.0	22.5	34.0	30.0	5.60	7.90	6.50	8.50					9.50	9.70		
2.70																						
3.00					27.0	17.5																
3.30	18.0	12.0	22.0	15.5	22.0	17.5	26.0	18.5	30.0	22.0			5.70	7.10	6.00	7.30			8.10	9.30		
4.00																						
4.70	16.0	9.00	18.0	11.4	20.0	15.5	24.0	15.6	24.0	22.0			4.60	6.00	5.50	6.60			6.50	7.80		
5.50																						
5.60			17.0	10.2	16.0	12.1	16.0	12.1						4.80	6.10					6.50	8.10	
6.80			15.0	8.80	15.0	11.8	16.0	11.8	22.0	17.0			4.30	5.50					6.20	7.10		
8.20			13.0	8.10	14.0	11.4	15.0	11.6	20.0	16.0									5.40	6.80		
10.0			11.0	7.80	13.0	9.60	14.0	10.0	18.0	14.9									5.20	5.60		
12.0					10.0	9.20																
15.0			9.00	6.20	8.50	8.00	9.00	8.00	14.5	10.3										4.30	4.60	
18.0					8.00	7.70																
20.0										12.0	10.0											
22.0			6.50	5.50	7.50	6.80	8.50	6.80	11.0	9.50										4.00	4.20	
25.0																						
27.0					6.50	6.10																
33.0			6.00	4.50	6.00	5.30	8.00	5.30	10.0	8.20												
47.0			5.00	3.60	5.50	4.70	7.50	5.30	7.50	7.10												
56.0					5.00	4.10	5.00	3.80	7.00	6.50												
68.0					4.50	3.90	4.50	3.50	6.50	6.20												
82.0					4.00	3.30																
100					3.50	3.10																
120					3.20	2.90																
150									4.50	2.50												

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AEC-Q200 Compliant Products



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	CSEB0630 +125 °C Shielded		CSEB0630H +125 °C Shielded		CSEB0660H +125 °C Shielded		CSEB0730 +125 °C Shielded		CSEB0730H +125 °C Shielded		CSEB0770H +125 °C Shielded		CSEB0880 +125 °C Shielded		CSEB1030 +125 °C Shielded		CSEB1060 +125 °C Shielded		CSEB1090 +125 °C Shielded		CSEB1510 +125 °C Shielded	
L*W*H(mm)	6.65x6.45x3.00		6.65x6.45x3.00		6.65x6.45x6.10		7.90x7.60x3.00		7.90x7.60x3.00		7.90x7.60x7.10		8.80x8.30x7.80		11.6x10.5x3.00		11.6x10.5x5.70		11.6x10.5x8.80		16.4x15.4x10.0	
Inductor(μH)	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms
0.10																						
0.15																						
0.16							60.0	32.5						88.0	42.0							
0.18	39.0	32.0	45.0	35.5												120	46.0					
0.22																						
0.24																						
0.30							41.0	27.6						68.0	35.0							
0.33	30.0	25.0																				
0.40																82.0	36.8					
0.47	29.5	23.0																				
0.56	29.0	22.0												44.0	32.0							
0.60							36.0	23.0														
0.68	25.0	20.0											38.0	37.0			52.0	33.9				
0.80																						
0.82																						
1.00	23.0	18.0					28.0	21.8	25.0	21.0			31.0	34.0	35.0	23.0			40.0	33.5	80.0	58.0
1.20	22.0	16.0			19.5	19.1			22.5	20.0							43.0	26.3				
1.30																						
1.50					18.7	18.1	23.5	15.0	19.0	18.7			28.0	28.0			36.0	24.4				
1.80	18.2	14.0																				
2.20	15.9	10.0			16.8	16.9	18.0	12.9	15.2	16.6			24.0	21.5	25.0	15.0	32.0	20.0	33.0	32.0		
2.70							13.0	11.4														
2.90																						
3.00																						
3.30	12.2	8.00			15.0	14.4	12.3	10.0	12.3	11.2	18.5	17.0	20.0	18.0			26.0	16.8	26.0	25.0	43.0	35.0
3.90																						
4.70	8.00	6.50			11.5	11.2	10.1	9.00	10.4	10.2			17.4	14.6			25.0	14.0	25.0	24.0	39.0	29.0
5.60			7.10	7.30	11.2	10.8	9.80	7.30			14.2	13.0							23.6	21.2	37.0	28.0
6.80					10.1	10.0	8.70	6.80			12.8	11.2	14.0	11.0					21.8	18.5	36.0	26.0
8.20					9.30	9.00					11.0	10.8							18.3	17.1	30.0	24.0
10.0					7.60	7.00					10.3	10.2	11.0	9.00					17.5	15.5	26.3	22.0
12.0																						
13.0																						
15.0					5.90	6.00							9.00	8.50					15.5	13.8	23.0	18.0
18.0																						
20.0																						
22.0					5.50	5.20							7.50	7.00					13.5	11.8	18.7	14.0
33.0					3.70	4.30													10.5	9.00	16.7	12.0
39.0																						
47.0																						
56.0																						
68.0																						
82.0																						
100																						

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	CSEC0660 +125 °C Shielded		CSEC0850 +125 °C Shielded		CSEC0880 +125 °C Shielded		CSEC1090 +125 °C Shielded		CSEC1510 +125 °C Shielded		VRKL0740 +150 °C Unshielded		RKL0825A +150 °C Unshielded		SP54 +125 °C Unshielded		SP75 +125 °C Unshielded		SP105 +125 °C Unshielded		SPRH74 +125 °C Shielded		
L*W*H(mm)	6.65x6.45x5.80		8.80x8.30x4.80		8.80x8.30x7.80		11.6x10.5x8.80		16.4x15.4x10.0		40.0x7.00x12.9		25.0x14.7x13.2		5.80x5.20x4.50		7.80x7.00x5.00		10.0x9.00x5.40		7.30x7.30x4.20		
Inductor(μH)	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	Isat	Irms	
0.33	43.0	29.0																					
0.22																							
0.56	32.0	24.0																					
0.82	27.0	19.0																					
1.00	26.0	18.0	42.0	19.0	42.0	23.0								7.53	7.46	12.3	9.55						
1.20																			12.0	9.68	7.50	6.00	
1.40																							
1.50	25.0	17.0	32.5	17.0	33.5	19.0	49.0	28.0															
1.80													33.0	34.0					10.2	8.94			
2.20			29.5	15.0											5.60	5.90	7.80	6.84					
2.50																						5.20	5.10
2.70	16.0	12.5																					
3.30	15.5	12.0	23.0	13.0	24.0	14.5	32.0	20.0	53.0	28.0	31.0	30.0		4.40	4.90	6.48	5.90	7.90	7.11	4.60	4.80		
4.70	14.5	10.5	20.0	12.0	20.4	13.0	30.0	19.0	48.0	27.5				3.75	4.56	5.50	5.50	7.00	6.85	3.80	4.25		
5.60	13.0	9.50					29.0	18.0	45.0	24.0													
6.80	12.2	8.00			19.0	11.0			40.0	23.5				3.30	3.73	4.50	4.82	5.80	6.06	3.30	3.83		
8.20	11.4	7.50							37.0	21.5						4.30	4.65	5.10	5.48	3.00	3.20		
10.0	9.60	6.50			16.0	10.5			33.0	21.0				2.70	3.05	3.70	4.21	4.50	5.11	2.60	2.90		
12.0	8.80	6.00			15.0	9.00	20.5	12.0						2.40	2.75	3.45	3.80	4.20	4.95	2.30	2.69		
15.0			11.0	5.70	11.5	8.00								2.00	2.46	3.18	3.43	3.80	4.44	2.10	2.50		
18.0														1.90	2.30	2.90	3.07	3.50	3.95	1.90	2.20		
22.0									20.0	15.0				1.80	2.06	2.60	2.65	3.20	3.60	1.75	2.10		
27.0														1.58	1.83	2.38	2.44	2.85	3.05	1.60	2.00		
33.0														1.40	1.65	2.10	2.23	2.60	2.85	1.50	1.85		
39.0														1.22	1.57	1.95	1.99	2.40	2.72	1.40	1.67		
47.0														1.20	1.39	1.75	1.87	2.20	2.38	1.25	1.50		
56.0														1.10	1.33	1.65	1.70	2.00	2.21	1.10	1.43		
68.0														0.98	1.20	1.45	1.51	1.80	2.02	1.00	1.25		
82.0														0.86	1.03	1.30	1.31	1.60	1.74	0.90	1.15		
100														0.80	0.91	1.25	1.25	1.45	1.65	0.85	1.08		
120														0.76	0.80	1.12	1.09	1.35	1.45	0.75	0.98		
150														0.68	0.77	1.00	1.05	1.23	1.32	0.70	0.90		
180														0.61	0.70	0.91	0.95	1.13	1.26	0.65	0.85		
220														0.54	0.66	0.81	0.89	1.02	1.14	0.58	0.75		
270														0.49	0.58	0.75	0.78	0.92	1.00	0.53	0.68		
330														0.45	0.55	0.66	0.72	0.82	0.90	0.48	0.62		
390														0.41	0.49	0.62	0.66	0.76	0.83	0.43	0.58		
470														0.39	0.43	0.56	0.58	0.70	0.77	0.40	0.52		
560														0.35	0.39	0.51	0.54	0.63	0.71	0.36	0.45		
680														0.32	0.37	0.46	0.50	0.58	0.66	0.32	0.42		
820														0.29	0.32	0.41	0.47	0.51	0.58	0.29	0.37		
1000														0.26	0.29	0.38	0.38	0.47	0.52	0.27	0.33		
2200																		0.35	0.36				
4700																		0.24	0.24				

For free evaluation samples or more information, please visit www.codaca.com or contact us.

AEC-Q200 Compliant Products

1. CODACA fully equipped laboratory has CNAS certification and qualifies us to carry out all environmental and reliability tests according to AEC-Q200 in-house.
2. Product range contains high current power inductor, inductor for digital AMP, molding power choke, drum core inductor, rod inductor.
3. AEC-Q200 grade of CODACA product includes grade 1 and 0.



	SPRH127 +125 °C Shielded									
L*W*H(mm)	12.0x12.0x7.80									
Inductor(μH)	Isat	Irms								
0.10										
0.47										
1.00										
1.20										
1.40	26.2	11.0								
1.50										
1.80										
2.20	21.3	9.10								
2.50										
3.00										
3.30	18.3	8.40								
3.90										
4.70	15.2	7.80								
5.60	13.7	7.30								
6.80	12.7	7.00								
8.20	11.5	6.60								
10.0	10.42	6.30								
12.0	9.61	6.00								
15.0	8.40	5.10								
18.0	7.60	5.00								
20.0										
22.0	6.90	4.50								
27.0	6.22	4.20								
30.0										
33.0	5.68	3.70								
39.0	5.14	3.50								
47.0	4.60	3.30								
56.0	4.46	3.00								
68.0	3.90	2.70								
82.0	3.51	2.50								
100	3.36	2.40								
120	2.91	2.10								
150	2.60	1.90								
180	2.57	1.75								
220	2.22	1.63								
270	1.94	1.40								
330	1.79	1.20								
390	1.63	1.10								
470	1.48	1.00								
560	1.36	0.98								
680	1.25	0.90								
820	1.16	0.80								
1000	1.01	0.70								
2200										
4700										

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CODACA

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