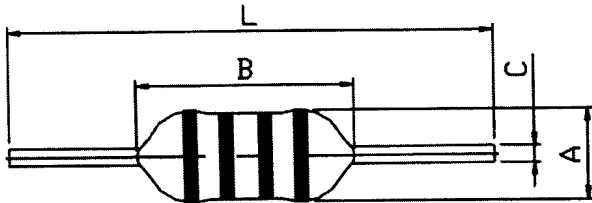


SPECIFICATION

TYPE
CECL

1. DIMENSION (UNIT: mm)



A	MAX. $\phi 4.0$
B	MAX. 9.8
C	$\phi 0.60 \pm 0.05$
L	63 ± 3

COLOR RING 1 2 3 4




* THE LENGTH OF THE TERMINAL PINS DOES NOT INCLUDE SOLDER TIP.

2. CIRCUIT



3. MARKING

COLOR	FIRST FIGURE	SECOND FIGURE	MULTIPLIER	TOLERANCE
	1	2	3	4
BLACK	0	0	1	$\pm 20\%$
BROWN	1	1	10	-
RED	2	2	100	-
ORANGE	3	3	1000	-
YELLOW	4	4	-	-
GREEN	5	5	-	-
BLUE	6	6	-	-
VIOLET	7	7	-	-
GRAY	8	8	-	-
WHITE	9	9	-	-
GOLD	-	-	0.1	$\pm 5\%$
SILVER	-	-	0.01	$\pm 10\%$

21st, JUN., 2001			PART NO.	
APPROVAL	CHECK	DESIGN	Refer To P. 5/6, 6/6	
			REMARK	SPEC. No. 2/6
			H500-0012	

6. ELECTRICAL CHARACTERISTICS

No.	PART NO.	L (μ H)	L TOLERANCE	Qu Min.	D.C.R. (Ω) Max.	RATED CURRENT Max. (A) \triangle		S.R.F. (MHz) Min	MEASURING FREQUENCY (MHz)	MATERIAL
						Idc1	Idc2			
01	CECL-1R0□	1.0	M. $\text{\textcircled{K}}$	45	0.18	3.30	0.80	93	7.96	\triangle CQ5B
02	CECL-1R2□	1.2		50	0.20	3.14	0.73	86		
03	CECL-1R5□	1.5			0.22	2.95	0.70	80		
04	CECL-1R8□	1.8		55	0.24	2.82	0.67	75		
05	CECL-2R2□	2.2			0.27	2.38	0.66	70		
06	CECL-2R7□	2.7			0.30	2.26	0.65	67		
07	CECL-3R3□	3.3		60	0.34	2.09	0.60	63		
08	CECL-3R9□	3.9			0.36	1.82	0.57	43		
09	CECL-4R7□	4.7			0.38	1.72	0.55	37		
10	CECL-5R6□	5.6			0.40	1.58	0.52	32		
11	CECL-6R8□	6.8			0.45	1.45	0.50	25		
12	CECL-8R2□	8.2			0.50	1.30	0.46	16		
13	CECL-100□	10			0.60	1.17	0.45	14		
14	CECL-120□	12	50	0.65	1.03	0.38	12	2.52		
15	CECL-150□	15		0.74	0.96	0.34	11			
16	CECL-180□	18			0.80	0.85	0.32		8.5	
17	CECL-220□	22		0.85	0.78	0.31	6.5			
18	CECL-270□	27	45	0.95	0.70	0.29	4.8			
19	CECL-330□	33		1.10	0.68	0.28	4.4			
20	CECL-390□	39		1.90	0.62	0.22	4.3			
21	CECL-470□	47	40	2.10	0.55	0.21	4.2			
22	CECL-560□	56		2.30	0.53	0.20	4.1			
23	CECL-680□	68		2.50	0.49	0.19	3.8			
24	CECL-820□	82		2.70	0.45	0.18	3.5			
25	CECL-101□	100	50	3.40	0.39	0.16	3.2	0.796	\triangle CL6E	
26	CECL-121□	120		4.70	0.36	0.15	2.5			
27	CECL-151□	150		5.00	0.35	0.13	2.3			
28	CECL-181□	180		5.70	0.28	0.13	2.2			
29	CECL-221□	220		6.20	0.25	0.12	2.0			
30	CECL-271□	270		7.10	0.24	0.12	1.8			
31	CECL-331□	330	7.70	0.23	0.11	1.7				

ELECTRICAL CHARACTERISTICS

No.	PART NO.	L (μ H)	L TOLERANCE	Qu Min.	D.C.R. (Ω) Max.	RATED CURRENT Max. (A) \triangle		S.R.F. (MHz) Min	MEASURING FREQUENCY (MHz)	MATERIAL
						Idc1	Idc2			
32	CECL-391 <input type="checkbox"/>	390	M, $\text{\textcircled{K}}$ J	50	10.50	0.20	0.10	1.6	0.796	\triangle CL6E
33	CECL-471 <input type="checkbox"/>	470			11.90	0.19	0.09	1.5		
34	CECL-561 <input type="checkbox"/>	560			13.30	0.17	0.09	1.4		
$\text{\textcircled{35}}$	CECL-681 <input type="checkbox"/>	680		45	15.00	0.16	0.08	1.3		
36	CECL-821 <input type="checkbox"/>	820			20.00	0.15	0.06	1.2		
$\text{\textcircled{37}}$	CECL-102 <input type="checkbox"/>	1000		21.00	0.12	0.06	0.90			
38	CECL-122 <input type="checkbox"/>	1200		40	32.00	0.10	0.055	0.82	0.252	
39	CECL-152 <input type="checkbox"/>	1500			45.00	0.087	0.045	0.76		
40	CECL-182 <input type="checkbox"/>	1800			50.00	0.084	0.040	0.68		
41	CECL-222 <input type="checkbox"/>	2200		35	54.00	0.082	0.040	0.52		
42	CECL-272 <input type="checkbox"/>	2700			61.00	0.075	0.035	0.40		
43	CECL-332 <input type="checkbox"/>	3300			69.00	0.068	0.035	0.28		
44	CECL-392 <input type="checkbox"/>	3900			74.00	0.062	0.030	0.12		

* : M: $\pm 20\%$, K: $\pm 10\%$, J: $\pm 5\%$

* TESTING INSTRUMENT

INDUCTANCE & Q: HP 4285A OR EQUIVALENT.

D.C.R.: KEITHLEY 580 MICRO OHM METER OR EQUIVALENT.

RATED CURRENT: HP 4284A, HP42841A, HP E3632A, HP 34401A OR EQUIVALENT.

S.R.F. : HP 4395A, HP4285A OR EQUIVALENT.

* Idc1: THE CURRENT WHEN THE INDUCTANCE DECREASES TO 90% OF INITIAL VALUE. ($T_a=25^\circ\text{C}$)

* Idc2: THE CURRENT WHEN THE TEMPERATURE OF COIL IS INCREASED BY 20°C . ($T_a=25^\circ\text{C}$)

8. PACKING

* PACKAGE TO BE ACCORDING TO SPECIFICATION :

KB-PAT007

\triangle KB-PAT008

SPECIAL FOR CUSTOMER KB _____ .

8. REMARK

* THE WARNING FOR LEAD WIRE FORMING TO BE ACCORDING TO STD-003.

REMARK

SPEC. No.

6/6

H500-0012