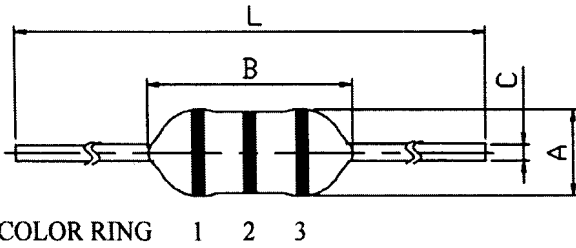


SPECIFICATION

TYPE

CECS

1. DIMENSION (UNIT: mm)



A	MAX. $\phi 2.5$
B	MAX. 4.0
C	$\phi 0.48 \pm 0.05$
L	63 ± 3

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

2. CIRCUIT



3. MARKING

COLOR	FIRST FIGURE 1	SECOND FIGURE 2	MULTIPLIER 3
BLACK	0	0	1
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
SILVER	-	-	0.01

19th, Nov., 2001			PART NO.		_____
APPROVAL	CHECK	DESIGN	Refer To P. 5/6, 6/6		
			REMARK		SPEC. No. 2/6
					H500-0098

4. ELECTRICAL CHARACTERISTICS

No.	PART NO.	L (μ H)	L TOLERANCE	Qu Min.	D.C.R. (Ω) Max.	RATED CURRENT Max. (A)		S.R.F. (MHz) Min.	MEASURING FREQUENCY (MHz)	MATERIAL
						Idc1	Idc2			
01	CECS-R10□	0.10	M, K	40	0.11	2.15	0.95	380	25.2	CM11
02	CECS-R12□	0.12			0.12	2.05	0.90	380		
03	CECS-R15□	0.15			0.13	1.95	0.82	380		
04	CECS-R18□	0.18			0.14	1.90	0.69	320		
05	CECS-R22□	0.22			0.16	1.85	0.65	290		
06	CECS-R27□	0.27			0.17	1.80	0.61	280		
07	CECS-R33□	0.33			0.18	1.75	0.60	270		
08	CECS-R39□	0.39			0.19	1.70	0.56	250		
09	CECS-R47□	0.47			0.20	1.60	0.52	230		
10	CECS-R56□	0.56			0.22	1.50	0.50	190		
11	CECS-R68□	0.68			0.25	1.44	0.47	170		
12	CECS-R82□	0.82			0.28	1.40	0.45	160		
13	CECS-1R0□	1.0	M, R , J	45	0.29	1.38	0.43	150	7.96	CM8B
14	CECS-1R2□	1.2			0.30	1.24	0.42	140		
15	CECS-1R5□	1.5			0.33	1.20	0.39	130		
16	CECS-1R8□	1.8			0.35	0.99	0.35	100		
17	CECS-2R2□	2.2			0.39	0.95	0.34	75		
18	CECS-2R7□	2.7			0.45	0.90	0.32	55		
19	CECS-3R3□	3.3			0.64	0.89	0.28	48		
20	CECS-3R9□	3.9			0.65	0.83	0.26	38		
21	CECS-4R7□	4.7			0.94	0.68	0.22	38		
22	CECS-5R6□	5.6			1.02	0.67	0.21	32		
23	CECS-6R8□	6.8			1.19	0.59	0.19	26		
24	CECS-8R2□	8.2			1.72	0.50	0.18	25		
25	CECS-100□	10	1.88	0.49	0.17	22				
26	CECS-120□	12	50	1.96	0.46	0.17	20	2.52		
27	CECS-150□	15		2.13	0.37	0.16	17			
28	CECS-180□	18		2.46	0.36	0.15	16			
29	CECS-220□	22		2.97	0.34	0.13	15			
30	CECS-270□	27		3.38	0.33	0.12	14			

REMARK

SPEC. No.

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ELECTRICAL CHARACTERISTICS

No.	PART NO.	L (μ H)	L TOLERANCE	Qu Min.	D.C.R. (Ω) Max.	RATED CURRENT Max. (A)		S.R.F. (MHz) Min	MEASURING FREQUENCY (MHz)	MATERIAL
						Idc1	Idc2			
31	CECS-330□	33	M, K, J	40	3.66	0.30	0.11	12	2.52	CM8B
32	CECS-390□	39			4.02	0.26	0.10	11		
33	CECS-470□	47			6.16	0.25	90m	9.0		
34	CECS-560□	56			7.04	0.23	85m	8.5		
35	CECS-680□	68			7.69	0.22	80m	8.0		
36	CECS-820□	82			8.68	0.21	70m	7.0		
37	CECS-101□	100			15.44	0.18	65m	6.0		
38	CECS-121□	120		35	17.63	0.17	60m	6.0	0.796	
39	CECS-151□	150			19.90	0.14	55m	5.0		
40	CECS-181□	180			20.89	0.13	50m	4.5		
41	CECS-221□	220			23.19	0.11	45m	4.5		
42	CECS-271□	270			26.88	0.10	40m	4.0		
43	CECS-331□	330			32.13	0.10	40m	4.0		

* □ : 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 . ($T_a=25^\circ\text{C}$)

REMARK

SPEC. No.

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