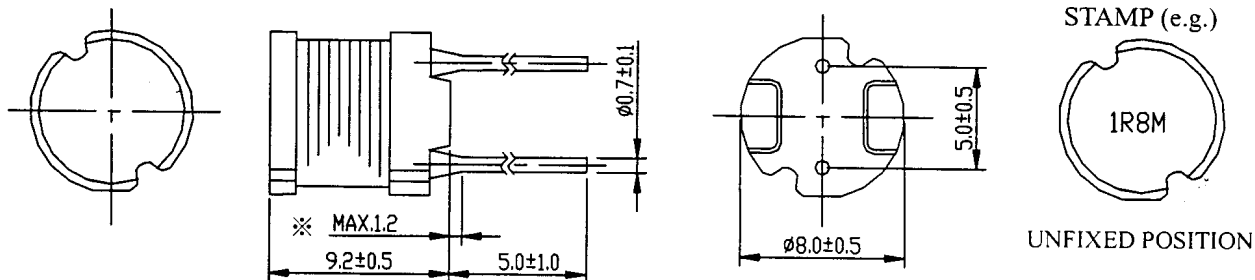


* SPECIFICATION *

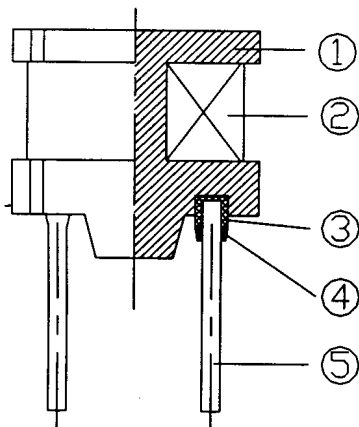
TYPE
CRCH-895NP

1. DIMENSION (UNIT : mm)



- ※ THE RECOMMENDED DIAMETER OF PCB MOUNTING HOLE TO BE 1.2mm FOR THE ULTRA THICK WIRE USED FOR THE INDUCTANCE RANGE FROM 1.8 μ H~270 μ H.
- * THE LENGTH OF THE TERMINAL PINS DOES NOT INCLUDE SOLDER TIP.
- * PIN PITCH TO BE MEASURED FROM THE ROOT OF TERMINAL.




2. CONSTRUCTION



MATERIAL LIST 1

No.	PARTS	MATERIAL	MANUFACTURER	COUNTRY OF ORIGIN	UL No.	UL FLAME CLASS	TEMP. CLASS
①	CORE	FERRITE CORE EL8H OR EQUIVALENT	TONICHI FERRITE PRODUCTS CO., LTD.	CHINA	NA	NA	NA
②	WIRE	POLYURETHANE ENAMELLED COPPER WIRE OR EQUIVALENT	PACIFIC-THAI ELECTRIC WIRE & CABLE CO., LTD.	THAILAND	E142108	NA	130°C
			JUNG SHING WIRE CO., LTD.	CHINA TAIWAN	E174837	NA	130°C
③	ADHESIVE	EPOXY RESIN (EB-360) OR EQUIVALENT	JIANG SU CHANG FENG CO., LTD.	CHINA	NA	NA	NA
④	SOLDER	Sn99.3-Cu0.7 OR EQUIVALENT	ALPHA METALS LTD.	CHINA HONG KONG	NA	NA	NA
⑤	LEAD PIN	ALLOYED WIRE OR EQUIVALENT	WELL FORE SPECIAL WIRE CORPORATION	CHINA	NA	NA	NA
	STAMP	INK (STM-3) OR EQUIVALENT	SHACHIHATA CO.,LTD.	JAPAN	NA	NA	NA

NA: NOT APPLICABLE.

15th , Sep .,2004			PART No.: REFER. TO P.3/5,4/5	_____
APPROVAL	CHECK	DESIGN		
			REMARK	SPEC. No. 2/5
			LEAD FREE	H500-0258

* SPECIFICATION *

TYPE

CRCH-895NP

3. ELECTRICAL CHARACTERISTICS

No.	PART No.	STAMP	INDUCTANCE (μ H) Within	D.C.R. (Ω) Max.	RATED CURRENT (A) Max.		S.R.F. (MHz) Ref.
					Idc1	Idc2	
01	CRCH-895NP-1R8M	1R8M	1.8 \pm 20%	13m	6.4	6.8	140
02	CRCH-895NP-2R2M	2R2M	2.2 \pm 20%	14m	5.6	6.2	120
03	CRCH-895NP-2R7M	2R7M	2.7 \pm 20%	16m	4.8	5.8	85
04	CRCH-895NP-3R3M	3R3M	3.3 \pm 20%	17m	4.4	5.2	70
05	CRCH-895NP-3R9M	3R9M	3.9 \pm 20%	19m	4.0	4.8	50
06	CRCH-895NP-4R7M	4R7M	4.7 \pm 20%	21m	3.6	4.6	38
07	CRCH-895NP-5R6M	5R6M	5.6 \pm 20%	22m	3.4	4.3	32
08	CRCH-895NP-6R8M	6R8M	6.8 \pm 20%	25m	3.2	4.2	30
09	CRCH-895NP-8R2M	8R2M	8.2 \pm 20%	27m	3.0	3.8	28
10	CRCH-895NP-100K	100K	10 \pm 10%	31m	2.6	3.6	25
11	CRCH-895NP-120K	120K	12 \pm 10%	33m	2.4	3.4	22
12	CRCH-895NP-150K	150K	15 \pm 10%	44m	2.2	3.2	19
13	CRCH-895NP-180K	180K	18 \pm 10%	50m	2.0	2.8	17
14	CRCH-895NP-220K	220K	22 \pm 10%	58m	1.8	2.6	15
15	CRCH-895NP-270K	270K	27 \pm 10%	63m	1.6	2.4	14
16	CRCH-895NP-330K	330K	33 \pm 10%	86m	1.4	2.0	12
17	CRCH-895NP-390K	390K	39 \pm 10%	97m	1.3	1.8	11
18	CRCH-895NP-470K	470K	47 \pm 10%	0.11	1.2	1.7	10
19	CRCH-895NP-560K	560K	56 \pm 10%	0.13	1.1	1.6	9.0
20	CRCH-895NP-680K	680K	68 \pm 10%	0.15	1.0	1.4	8.2
21	CRCH-895NP-820K	820K	82 \pm 10%	0.18	0.96	1.3	7.4
22	CRCH-895NP-101K	101K	100 \pm 10%	0.20	0.80	1.2	6.4
23	CRCH-895NP-121K	121K	120 \pm 10%	0.26	0.76	1.0	5.5
24	CRCH-895NP-151K	151K	150 \pm 10%	0.31	0.72	0.96	5.2
25	CRCH-895NP-181K	181K	180 \pm 10%	0.40	0.64	0.88	4.5
26	CRCH-895NP-221K	221K	220 \pm 10%	0.48	0.60	0.76	4.1
27	CRCH-895NP-271K	271K	270 \pm 10%	0.56	0.52	0.72	3.8
28	CRCH-895NP-331K	331K	330 \pm 10%	0.70	0.48	0.66	3.3
29	CRCH-895NP-391K	391K	390 \pm 10%	0.80	0.44	0.60	3.0
30	CRCH-895NP-471K	471K	470 \pm 10%	1.0	0.40	0.54	2.7
31	CRCH-895NP-561K	561K	560 \pm 10%	1.1	0.36	0.50	2.6
32	CRCH-895NP-681K	681K	680 \pm 10%	1.3	0.32	0.46	2.3

REMARK

SPEC. No.

3/5

H500-0258

* SPECIFICATION *

TYPE

CRCH-895NP

ELECTRICAL CHARACTERISTICS

No.	PART No.	STAMP	INDUCTANCE (μ H) Within	D.C.R. (Ω) Max.	RATED CURRENT (A) Max.		S.R.F. (MHz) Ref.
					Idc1	Idc2	
33	CRCH-895NP-821K	821K	820 \pm 10%	1.6	0.30	0.42	2.1
34	CRCH-895NP-102K	102K	1000 \pm 10%	1.9	0.26	0.38	2.0
35	CRCH-895NP-122K	122K	1200 \pm 10%	2.3	0.24	0.36	1.9
36	CRCH-895NP-152K	152K	1500 \pm 10%	3.0	0.22	0.32	1.8
37	CRCH-895NP-182K	182K	1800 \pm 10%	3.6	0.20	0.28	1.5
38	CRCH-895NP-222K	222K	2200 \pm 10%	4.3	0.17	0.26	1.3
39	CRCH-895NP-272K	272K	2700 \pm 10%	5.3	0.15	0.22	1.1
40	CRCH-895NP-332K	332K	3300 \pm 10%	6.5	0.14	0.21	1.0
41	CRCH-895NP-392K	392K	3900 \pm 10%	7.3	0.13	0.19	0.94
42	CRCH-895NP-472K	472K	4700 \pm 10%	9.2	0.12	0.18	0.88
43	CRCH-895NP-562K	562K	5600 \pm 10%	11	0.11	0.16	0.84
44	CRCH-895NP-682K	682K	6800 \pm 10%	13	0.10	0.14	0.73
45	CRCH-895NP-822K	822K	8200 \pm 10%	18	85m	0.12	0.72
46	CRCH-895NP-103K	103K	10000 \pm 10%	22	80m	0.11	0.60
47	CRCH-895NP-123K	123K	12000 \pm 10%	25	75m	0.10	0.55
48	CRCH-895NP-153K	153K	15000 \pm 10%	34	65m	85m	0.50
49	CRCH-895NP-183K	183K	18000 \pm 10%	38	60m	80m	0.45
50	CRCH-895NP-223K	223K	22000 \pm 10%	50	55m	70m	0.38
51	CRCH-895NP-273K	273K	27000 \pm 10%	58	50m	65m	0.35
52	CRCH-895NP-333K	333K	33000 \pm 10%	66	45m	60m	0.33

*** TESTING INSTRUMENT**

INDUCTANCE & Q : HP 4284A OR EQUIVALENT.

D.C.R. : HP 34420 MICRO OHM METER OR EQUIVALENT.

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

Idc1: HP 4284A&HP 42841A OR EQUIVALENT; dc2: HP E3632A&HP 34401A OR EQUIVALENT.

*** TESTING CONDITIONS:** 1.8 μ H ~8.2 μ H at 100kHz/1V

10 μ H ~33000 μ H at 1kHz/1V

* Idc1 : THE CURRENT WHEN THE INDUCTANCE DECREASES TO 90% OF INITIAL VALUE. (Ta = 25°C)

* Idc2 : THE CURRENT WHEN THE TEMPERATURE OF COIL IS INCREASED BY 40°C (Ta = 25°C)

* THE RATED CURRENT INDICATES THE SMALLER ONE BETWEEN Idc1 AND Idc2.

REMARK

SPEC. No.

4/5

H500-0258