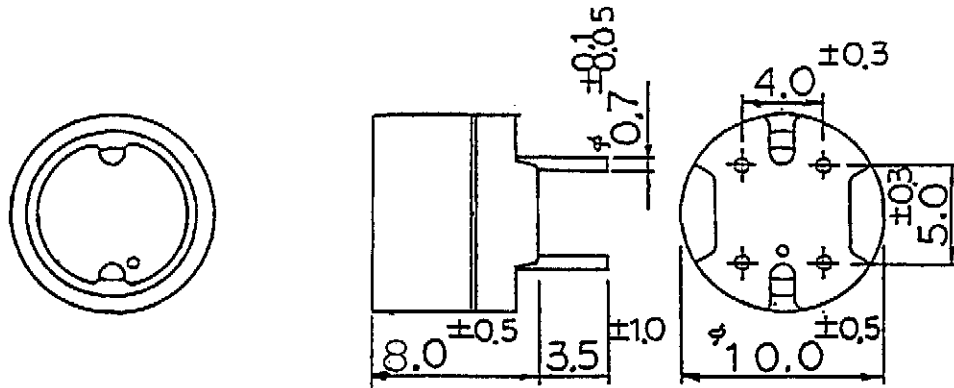


COIL SPECIFICATION

SUMIDA TYPE
RCR-108D

1. DIMENSION (UNIT mm)

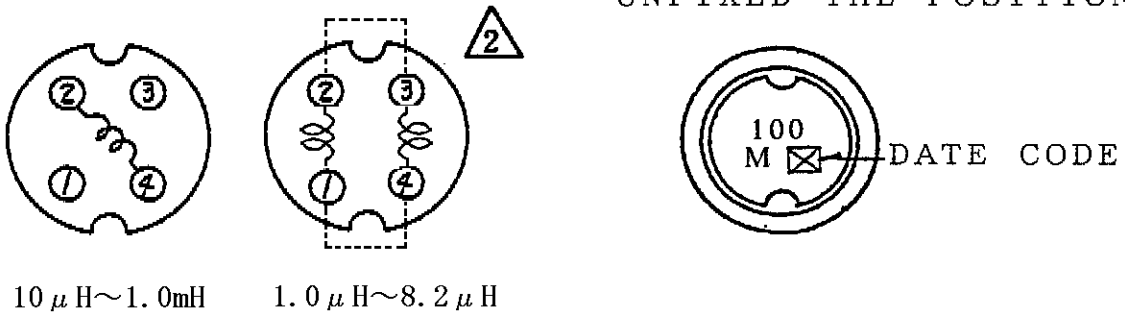


※DIMENSION DOES NOT INCLUDE SOLDER USED ON COIL.

2. CONNECTION (BOTTOM)

3. STAMP (Ex.)

UNFIXED THE POSITION



10 μ H ~ 1.0 mH

1.0 μ H ~ 8.2 μ H

4. NOTE

* PLEASE TAKE CARE TO DECIDE THE MOUNTIN HOLES FOR THIS COIL, BECAUSE OF THICK WIRE USED.



* FOR THE PRODUCTS OF 1R0M ~ 8R2M PLEASE BE SHORTED BETWEEN 1-4 AND 2-3 WHEN USED, AND THE SOLDERED BRIDGE COULD BE PERMITTED BETWEEN 1-4 AND 2-3.

1st MAR., 1991

SUMIDA CODE 0784

CHK.	CHK.	DRG.	DRG. NO.
<i>Amano</i>	<i>Harashi</i> APE	<i>M. Kishida</i> URASHIMA	S-074-430

GENERAL CHARACTERISTICS	TYPE RCR-108D
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- 1) EXTERNAL APPEARANCE : ON VISUAL INSPECTION. THE COIL HAS NO EXTERNAL DEFECTS.
- 2) TERMINAL STRENGTH : NO APPARENT AT 9.8 N FOR 1 MINUTE. (PULL)
- 3) TERMINAL HEAT TEST : NO APPARENT AT 270±5°C FOR 5±1 SECONDS.
- 4) INSULATING RESISTANCE : OVER 100 MΩ AT 100 V D.C. BETWEEN COIL-EXTERNAL PARTS.
- 5) DIELECTRIC STRENGTH : NO APPARENT AT 100 V D.C. FOR 1 MINUTE BETWEEN COIL-EXTERNAL PARTS.
- 6) INDUCTANCE TEMPERATURE COEFFICIENT : (0 ~ 2000) × 10⁻⁶ / °C (-10 ~ +60 °C)
- 7) HUMIDITY TEST : INDUCTANCE DEVIATION WITHIN ± 5.0 % AFTER 96 HOURS IN 90~95 % RELATIVE HUMIDITY AT 40±2°C AND 1 HOUR DRYING UNDER NORMAL CONDITION.
- 8) VIBRATION TEST : INDUCTANCE DEVIATION WITHIN ± 1.0 % AFTER VIBRATION FOR 1 HOUR IN EACH OF THREE ORIENTATIONS AT SWEEP VIBRATION (10 ~ 55Hz) WITH 1.5 mm PP AMPLITUDE.
- 9) SHOCK TEST : INDUCTANCE DEVIATION WITHIN ± 1.0 % AFTER DROP DOWN WITH 981 m/s² SHOCK ATTITUDE UPON A RUBBER BLOCK METHOD SHOCK TESTING MACHINE, FOR 1 TIME, IN EACH OF THREE ORIENTATIONS.

1st MAR. , 1991

CHK.	CHK.	DRG.
<i>H. Ameno</i>	<i>ABE</i>	<i>URASHIMA</i>

DRG. NO. S- 074-430

SPECIFICATION

TYPE

RCR-108D

5. ELECTRICAL CHARACTERISTICS \triangle

NO.	PART NO.	STAMP	INDUCTANCE <WITHIN> ※ 1	D. C. R. (Ω) <MAX. > (at 20°C)	RATED CURRENT (mA) ※ 2	S. R. F (MHz) <REF. >	SUMIDA CODE
0 1	RCR108D-100M	100M	10 μ H \pm 20%	50m	2800	29.3	0784-0248
0 2	RCR108D-120M	120M	12 μ H \pm 20%	60m	2500	23.0	0784-0259
0 3	RCR108D-150M	150M	15 μ H \pm 20%	70m	2300	19.5	0784-0261
0 4	RCR108D-180M	180M	18 μ H \pm 20%	80m	2100	18.7	0784-0272
0 5	RCR108D-220M	220M	22 μ H \pm 20%	90m	2000	17.0	0784-0283
0 6	RCR108D-270M	270M	27 μ H \pm 20%	0.10	1760	14.5	0784-0294
0 7	RCR108D-330M	330M	33 μ H \pm 20%	0.11	1600	12.7	0784-0305
0 8	RCR108D-390M	390M	39 μ H \pm 20%	0.12	1380	11.6	0784-0316
0 9	RCR108D-470M	470M	47 μ H \pm 20%	0.14	1280	9.72	0784-0327
1 0	RCR108D-560L	560L	56 μ H \pm 15%	0.15	1200	8.91	0784-0338
1 1	RCR108D-680L	680L	68 μ H \pm 15%	0.16	1000	8.04	0784-0349
1 2	RCR108D-820L	820L	82 μ H \pm 15%	0.18	960	7.70	0784-0350
1 3	RCR108D-101L	101L	100 μ H \pm 15%	0.20	920	6.64	0784-0361
1 4	RCR108D-121L	121L	120 μ H \pm 15%	0.24	800	5.84	0784-0372
1 5	RCR108D-151L	151L	150 μ H \pm 15%	0.35	730	5.18	0784-0383
1 6	RCR108D-181L	181L	180 μ H \pm 15%	0.40	640	4.83	0784-0394
1 7	RCR108D-221L	221L	220 μ H \pm 15%	0.54	610	4.00	0784-0405
1 8	RCR108D-271L	271L	270 μ H \pm 15%	0.76	560	3.63	0784-0416
1 9	RCR108D-331L	331L	330 μ H \pm 15%	0.86	500	3.51	0784-0427
2 0	RCR108D-391L	391L	390 μ H \pm 15%	0.93	440	3.28	0784-0438
2 1	RCR108D-471L	471L	470 μ H \pm 15%	1.23	410	2.62	0784-0449
2 2	RCR108D-561L	561L	560 μ H \pm 15%	1.34	380	2.46	0784-0451
2 3	RCR108D-681L	681L	680 μ H \pm 15%	1.53	340	2.24	0784-0462
2 4	RCR108D-821L	821L	820 μ H \pm 15%	2.10	320	2.06	0784-0473

1st, Mar., 1991

SUMIDA CODE 0784

CHK.	CHK.	DRG.	DRG. NO.
<i>H. Ameno</i>	<i>Sumida</i> ABE	<i>M. Kikuchi</i> URASHIMA	4 / 5
			S-074-430

