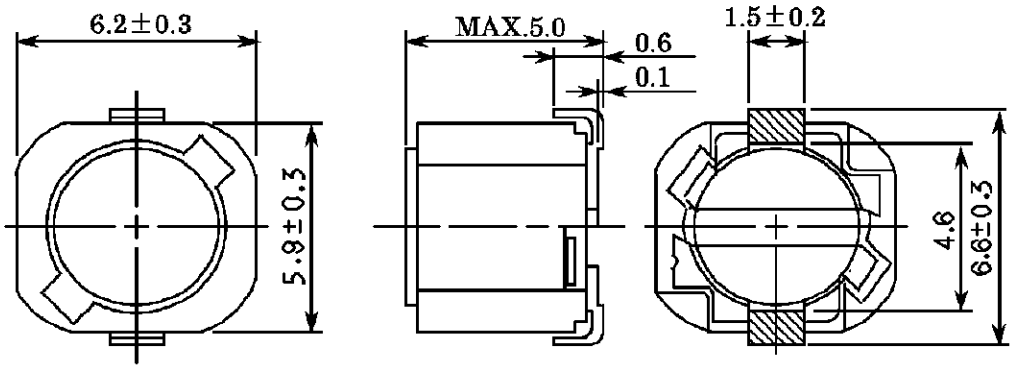
	SPECIFICATION	
	SUMIDA TYPE CDRH64B	PART NO. REF. TO THE ATTACHED SHEET.

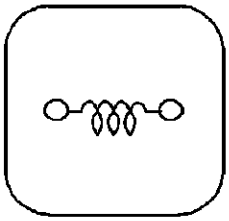
1. DIMENSION (UNIT mm)



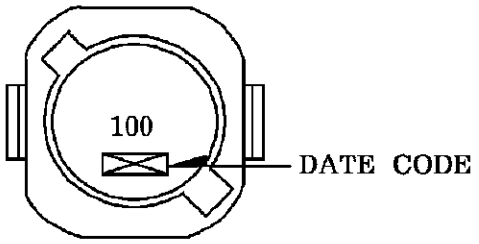
* DIMENSION WITHOUT TOLERANCE ARE APPROX.

ELECTRODE TERMINAL

2. CONNECTION



3. STAMP (Ex.)

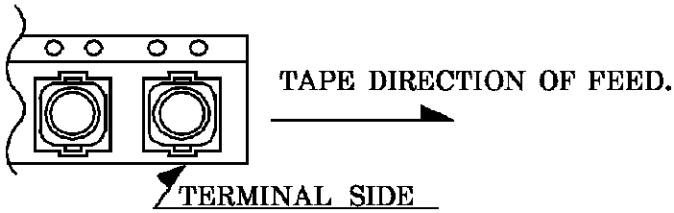


DIRECTLY STAMP
UNFIXED THE POSITION

4. NOTE

* PLEASE DO NOT USE A WASHING AGENT.

* ENCLOSING CONDITION OF COILS.



* CARRIER TAPE PACKING SPECIFICATION IN DETAIL.(S－074－489)
* RECOMMENDED REFLOW CONDITION TO BE ACCOROING TO S-074-5003.

15 th NOV . , 1996

SUMIDA CODE	4745

C H K.	C H K.	D R G.		DRG. NO. 2/5
O.SATO	NISHI MURA	MONMA M		S－074－535

sumida

TYPE
CDRH64B

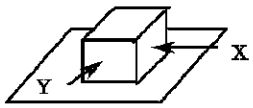
GENERAL CHARACTERISTICS

④

1. OPERATIONG TEMPERATURE : −40 ~ + 100 ℃ (COIL CONTAIN HEAT)

2. EXTERNAL APPEARANCE : ON VISUAL INSPECTION, THE COIL HAS NO EXTERNAL DEFECTS.

3. ELECTRODE STRENGTH ② : AFTER SOLDERING, BETWEEN COPPER PLATE AND ELECTRODE OF COIL, PUSH IN TWO DIRECTIONS OF X, Y WITHSTANDING 5.0N FOR 10±2 SECONDS. ELECTRODE SHOULD NOT PEEL OFF. (REFER TO FIGURE AT RIGHT)



4. HEAT ENDURANCE TEST : REFER TO S−074−5002.

5. DIELECTRIC STRENGTH : NO APPARENT AT 100V D.C. FOR 1 MINUTE BETWEEN COIL−CORE.

6. INSULATING RESISTANCE : OVER 100 MΩ AT 100V D.C. BETWEEN COIL−CORE.

7. INDUCTANCE TEMPERATURE COEFFICIENT : (0 ~ 2000)×10 $^{-6}$/℃ (−25 ~ + 80 ℃)

8. HUMIDITY TEST : INDUCTANCE DEVIATION WITHIN ± 5.0 % AFTER 96 HOURS IN 90 ~ 95 % RELATIVE HUMIDITY AT 40 ± 2 ℃ AND 1 HOUR DRYING UNDER NORMAL CONDITION.

9. VIBRATION TEST : INDUCTANCE DEVIATION WITHIN ± 2.0 % AFTER VIBRATION FOR 1 HOUR. IN EACH OF THREE ORIENTATIONS AT SWEEP VIBRATION (10~55~10 Hz) WITH 1.5 mm P−P AMPLITUDE.

10. SHOCK TEST : INDUCTANCE DEVIATION WITHIN ± 2.0 % AFTER DROP DOWN WITH 981m/s^2 SHOCK ATTITUDE UPON A RUBBER BLOCK METHOD SHOCK TESTING MACHINE, FOR 1 TIME, IN EACH OF THREE ORIENTATIONS.

15 th NOV . , 1996

C H K.	C H K.	D R G.
O.SATO	NISHI MURA	MONMA M

DRG. NO.	3/5
S−074−535	

SPECIFICATION

TYPE	CDRH64B

ELECTRICAL CHARACTERISTICS

NO.	PART NO.	STAMP	INDUCTANCE [WTHIN] ※1	D.C.R. (Ω, at 20°C) ※2	RATED CURRENT (A) ※3	SUMIDA CODE
01	CDRH64B－1Ø ØMC	100	10 μH ± 20 %	0.12 (88m)	1.35	4745－0566
02	CDRH64B－12ØMC	120	12 μH ± 20 %	0.13 (97m)	1.20	4745－0577
03	CDRH64B－15ØMC	150	15 μH ± 20 %	0.18 (0.13)	1.10	4745－0588
04	CDRH64B－18ØMC	180	18 μH ± 20 %	0.24 (0.18)	1.00	4745－0599
05	CDRH64B－22ØMC	220	22 μH ± 20 %	0.27 (0.20)	0.91	4745－0600
06	CDRH64B－27ØMC	270	27 μH ± 20 %	0.30 (0.22)	0.82	4745－0611
07	CDRH64B－33ØMC	330	33 μH ± 20 %	0.33 (0.25)	0.75	4745－0622
08	CDRH64B－39ØMC	390	39 μH ± 20 %	0.37 (0.27)	0.69	4745－0633
09	CDRH64B－47ØMC	470	47 μH ± 20 %	0.52 (0.38)	0.62	4745－0644
10	CDRH64B－56ØMC	560	56 μH ± 20 %	0.56 (0.41)	0.58	4745－0655
11	CDRH64B－68ØMC	680	68 μH ± 20 %	0.63 (0.47)	0.52	4745－0666
12	CDRH64B－82ØMC	820	82 μH ± 20 %	0.71 (0.53)	0.47	4745－0677
13	CDRH64B－1Ø1MC	101	100 μH ± 20 %	1.03 (0.76)	0.43	4745－0688
14	CDRH64B－121MC	121	120 μH ± 20 %	1.15 (0.85)	0.39	4745－0699
15	CDRH64B－151MC	151	150 μH ± 20 %	1.68 (1.29)	0.35	4745－0701
16	CDRH64B－181MC	181	180 μH ± 20 %	1.87 (1.44)	0.32	4745－0712
17	CDRH64B－221MC	221	220 μH ± 20 %	2.08 (1.60)	0.29	4745－0723
18	CDRH64B－271MC	271	270 μH ± 20 %	2.37 (1.82)	0.26	4745－0734
19	CDRH64B－331MC	331	330 μH ± 20 %	2.67 (2.05)	0.23	4745－0745
20	CDRH64B－391MC	391	390 μH ± 20 %	2.94 (2.26)	0.22	4745－0756
21	CDRH64B－471MC	471	470 μH ± 20 %	3.93 (3.02)	0.20	4745－0767
22	CDRH64B－561MC	561	560 μH ± 20 %	5.43 (4.18)	0.18	4745－0778
23	CDRH64B－681MC	681	680 μH ± 20 %	7.32 (5.63)	0.17	4745－0789
24	CDRH64B－821MC	821	820 μH ± 20 %	8.24 (6.34)	0.15	4745－0790
25	CDRH64B－1Ø2MC	102	1 mH ± 20 %	9.26 (7.13)	0.14	4745－0801

※1: NDUCTANCE (L) MEASURED AT A FREQUENCY OF 1 kHz

※2: D.C.R. ( ) TYPICAL BALUE.

⚠1

※3:THIS INDICATES THE VALUE OF CURRENT WHEN THE INDUCTANCE IS 75% MORE THAN IT'S NOMINAL VALUE AND TEMPERATURE RISING △t=40℃ LOWER AT D.C. SUPERPOSITION.(Ta=20℃)

15 th NOV . , 1996

SUMIDA CODE	4745

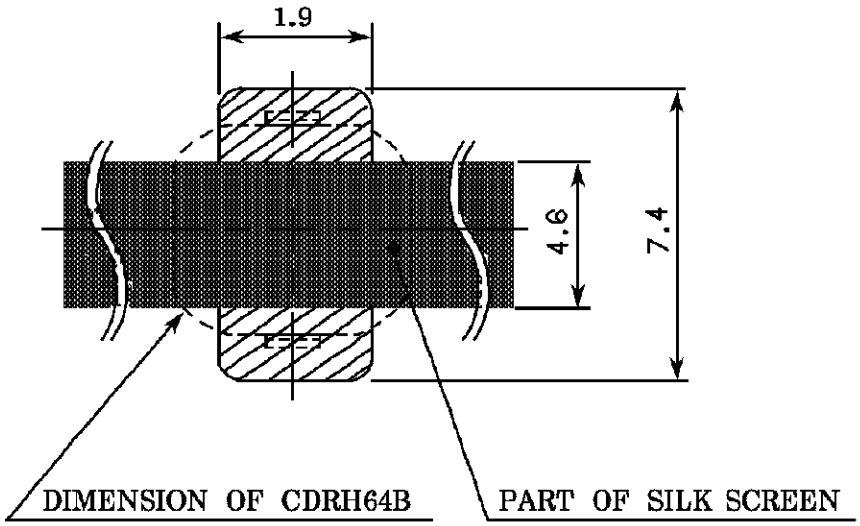
C H K.	C H K.	D R G.		DEG NO. 4/5
O.SATO	NISHI MURA	MONMA M		S－074－535

sumida

SPECIFICATION

TYPE
CDRH64B

DIMENSION RECOMMENDED (mm)



PLEASE COAT WITH SILK BETWEEN ELECTRODE. ⚠2

15 th NOV . , 1996

C H K.	C H K.	D R G.
O.SATO	NISHI MURA	MONMA M

DRG. NO.	5/5
S−074−535	