



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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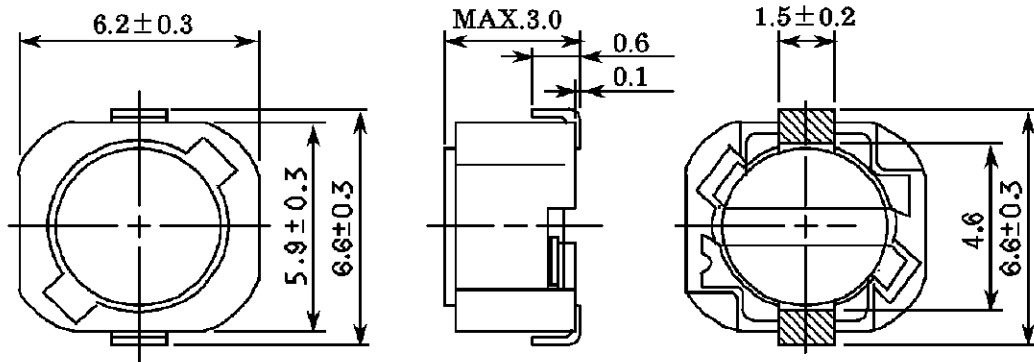
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



SPECIFICATION		
	SUMIDA TYPE CDRH62B	PART NO. REF. TO THE ATTACHED SHEET.

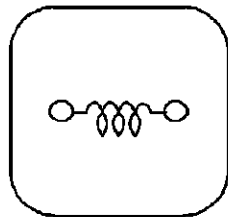
1. DIMENSION (UNIT mm)



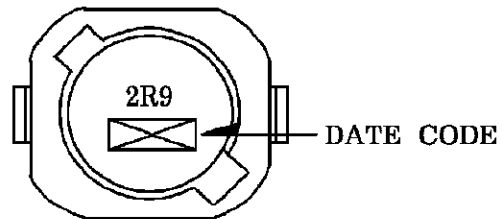
* DIMENSION WITHOUT TOLERANCE ARE APPROX.

 ELECTRODE TERMINAL

2. CONNECTION



3. STAMP (Ex.)

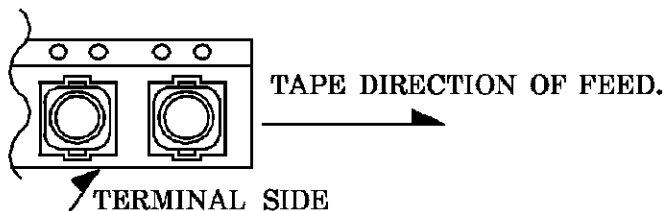


DIRECTLY STAMP
UNFIXED THE POSITION

4. NOTE

* PLEASE DO NOT USE A WASHING AGENT.

* ENCLOSING CONDITION OF COILS.



* CARRIER TAPE PACKING SPECIFICATION IN DETAIL.(S-074-462)

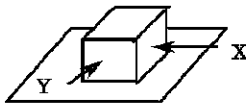
* RECOMMENDED REFLOW CONDITION TO BE ACCORDING TO S-074-5003.

15 th FEB . , 1996			SUMIDA CODE	4742
CHK.	CHK.	DRG.	DRG. NO. 2/5	
KOMA				
ITA	MAKABE	MONMA	S-074-525	
		M		

GENERAL CHARACTERISTICS

TYPE	CDRH62B
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1. OPERATING TEMPERATURE : - 30 ~ +100 °C (COIL CONTAIN HEAT)
2. EXTERNAL APPEARANCE : ON VISUAL INSPECTION, THE COIL HAS NO EXTERNAL DEFECTS.
3. ELECTRODE STRENGTH Δ : AFTER SOLDERING, BETWEEN COPPER PLATE AND ELECTRODE OF COIL, PUSH IN TWO DIRECTIONS OF X, Y WITHSTANDING 5.0N(0.51kgf) 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/°C (-25 ~ + 80 °C)
8. 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.
9. VIBRATION TEST : INDUCTANCE DEVIATION WITHIN ± 3.0 % 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 ± 3.0 % AFTER DROP DOWN WITH 981m/s²(100G) SHOCK ATTITUDE UPON A RUBBER BLOCK METHOD SHOCK TESTING MACHINE, FOR 1 TIME, IN EACH OF THREE ORIENTATIONS.

15 th FEB . , 1996

CHK.	CHK.	DRG.
KOMA		
ITA	MAKABE	MONMA
		M

DRG. NO.	3/5
S-074-525	

SPECIFICATION

TYPE	CDRH62B
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ELECTRICAL CHARACTERISTICS

NO.	PART NO.	STAMP	INDUCTANCE [WITHIN] ※1	D.C.R. (Ω, at 20°C) ※2	RATED CURRENT (A) ※3	SUMIDA CODE
01	CDRH62B-2R9NC	2R9	2.9 μH + 40 % - 20 %	68 m (50 m)	1.94	4742-0255
02	CDRH62B-4R0NC	4R0	4.0 μH + 40 % - 20 %	80 m (59 m)	1.63	4742-0266
03	CDRH62B-5R5NC	5R5	5.5 μH + 40 % - 20 %	96 m (71 m)	1.40	4742-0277
04	CDRH62B-6R3NC	6R3	6.3 μH + 40 % - 20 %	0.10 (77m)	1.30	4742-0288
05	CDRH62B-7R1NC	7R1	7.1 μH + 40 % - 20 %	0.11 (81m)	1.22	4742-0299
06	CDRH62B-8R0NC	8R0	8.0 μH + 40 % - 20 %	0.12 (87m)	1.15	4742-0301
07	CDRH62B-100MC	100	10 μH ± 20 %	0.15 (0.11)	1.10	4742-0312
08	CDRH62B-120MC	120	12 μH ± 20 %	0.20 (0.15)	1.00	4742-0323
09	CDRH62B-150MC	150	15 μH ± 20 %	0.23 (0.17)	0.90	4742-0334
10	CDRH62B-180MC	180	18 μH ± 20 %	0.27 (0.20)	0.80	4742-0345
11	CDRH62B-220MC	220	22 μH ± 20 %	0.34 (0.25)	0.74	4742-0356
12	CDRH62B-270MC	270	27 μH ± 20 %	0.38 (0.29)	0.66	4742-0367
13	CDRH62B-330MC	330	33 μH ± 20 %	0.45 (0.33)	0.59	4742-0378
14	CDRH62B-390MC	390	39 μH ± 20 %	0.49 (0.37)	0.54	4742-0389
15	CDRH62B-470MC	470	47 μH ± 20 %	0.69 (0.51)	0.50	4742-0390
16	CDRH62B-560MC	560	56 μH ± 20 %	0.78 (0.58)	0.46	4742-0401
17	CDRH62B-680MC	680	68 μH ± 20 %	1.07 (0.83)	0.42	4742-0412
18	CDRH62B-820MC	820	82 μH ± 20 %	1.21 (0.93)	0.38	4742-0423
19	CDRH62B-101MC	101	100 μH ± 20 %	1.39 (1.07)	0.34	4742-0434
20	CDRH62B-121MC	121	120 μH ± 20 %	1.90 (1.46)	0.31	4742-0445
21	CDRH62B-151MC	151	150 μH ± 20 %	2.18 (1.68)	0.28	4742-0456
22	CDRH62B-181MC	181	180 μH ± 20 %	2.77 (2.13)	0.26	4742-0467
23	CDRH62B-221MC	221	220 μH ± 20 %	3.12 (2.40)	0.23	4742-0478
24	CDRH62B-271MC	271	270 μH ± 20 %	4.38 (3.37)	0.22	4742-0489
25	CDRH62B-331MC	331	330 μH ± 20 %	4.94 (3.80)	0.19	4742-0491

※ 1: 2.9 μH ~ 8.0 μH ; INDUCTANCE (L) MEASURED AT A FREQUENCY OF 7.96 MHz
 10 μH ~ 330 μH ; INDUCTANCE (L) MEASURED AT A FREQUENCY OF 1 kHz

※ 2: D.C.R. () TYPICAL BALUE.

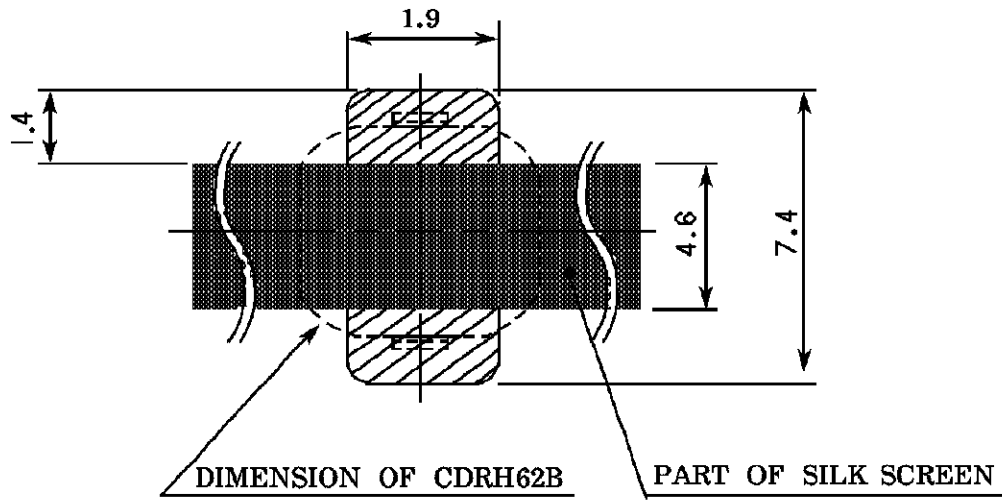
※ 3: THIS INDICATES THE VALUE OF CURRENT WHEN THE INDUCTANCE IS 75% MORE THAN IT'S NOMINAL VALUE AND TEMPERATURE RISING Δt=40°C LOWER AT D. C. SUPERPOSITION. (Ta=20°C)

15 th FEB . , 1996			SUMIDA CODE	4742
C H K.	C H K.	D R G.	DEG NO. 4/5 <h2 style="text-align: center;">S-074-525</h2>	
KOMA				
ITA	MAKABE	MONMA M		

SPECIFICATION

TYPE	CDRH62B
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DIMENSION RECOMMENDED (mm)



PLEASE COAT WITH SILK BETWEEN ELECTRODE. ⚠

15 th FEB . , 1996

C H K.	C H K.	D R G.
KOMA		
ITA	MAKABE	MONMA
		M

DRG. NO.	5/5
S-074-525	