



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!



Contact us

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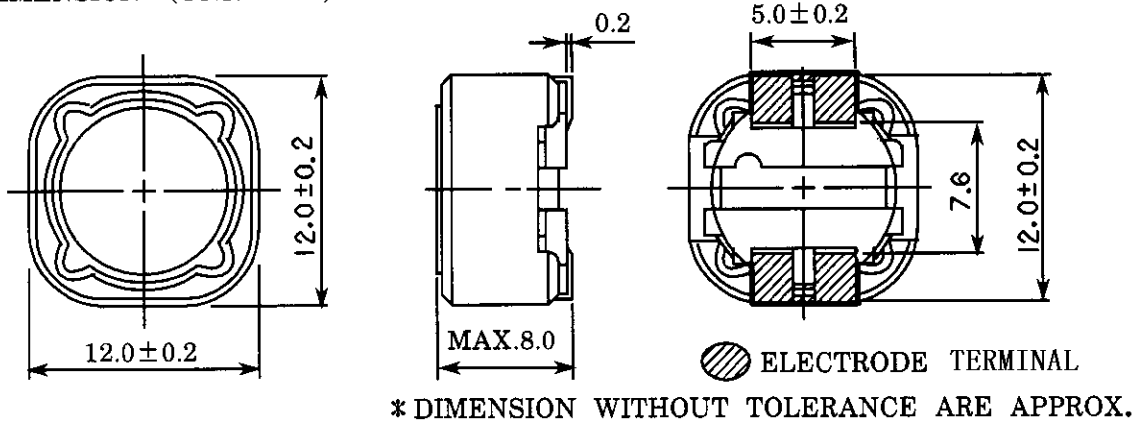
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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

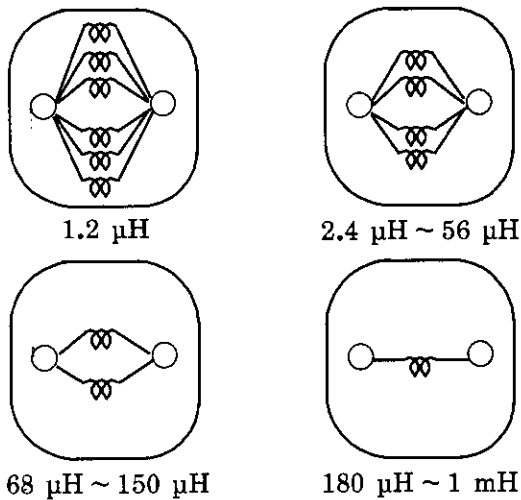


SPECIFICATION		
	SUMIDA TYPE CDRH127	PART NO. REF. TO THE ATTACHED SHEET.

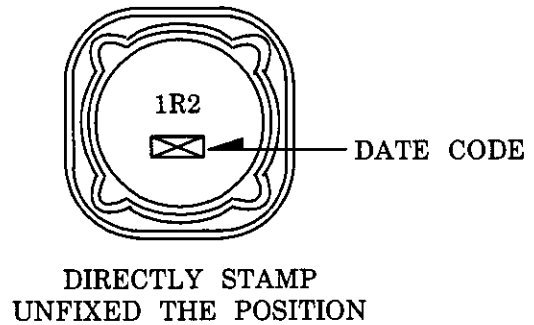
1. DIMENSION (UNIT mm)



2. CONNECTION (BOTTOM)

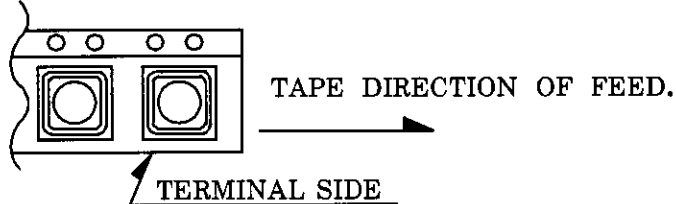


3. STAMP (Ex.)



4. NOTE

- * PLEASE DO NOT USE A WASHING AGENT.
- * ENCLOSING CONDITION OF COILS.



* CARRIER TAPE PACKING SPECIFICATION IN DETAIL.(S-074-512)

* RECOMMENDATION

DUE TO THE COIL HEAVY WEIGHT. PLEASE APPLY BOND BETWEEN THIS COIL PART AND P.C.B. WHEN FIXED ONTO THE PCB.

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

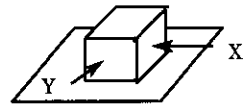
17 th SEP . , 1996			SUMIDA CODE 4739	DRG. NO. 2/6
C H K.	C H K.	D R G.		
O.SATO	MAKABE	MONMA M	S-074-516	

GENERAL CHARACTERISTICS

TYPE CDRH127

△5

1. OPERATING TEMPERATURE : -40 ~ +100 °C (COIL CONTAIN HEAT)
2. EXTERNAL APPEARANCE : ON VISUAL INSPECTION, THE COIL HAS NO EXTERNAL DEFECTS.
3. ELECTRODE STRENGTH △: 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 THE S-074-5002.
5. DIELECTRIC STRENGTH : △ NO APPARENT AT 100V D.C. (LEAK CURRENT: 1.0mA) FOR 1 MINUTE BETWEEN COIL-CORE.
6. INSULATING RESISTANCE : OVER 100MΩ 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 SHOCK ATTITUDE UPON A RUBBER BLOCK METHOD SHOCK TESTING MACHINE, FOR 1 TIME, IN EACH OF THREE ORIENTATIONS.



7 th SEP . , 1995

CHK.	CHK.	DRG.
KOMA		
ITA	Y.OKADA	MONMA
		M

DRG. NO.	3/6
S-074-516	

SPECIFICATION

TYPE CDRH127

ELECTRICAL CHARACTERISTICS

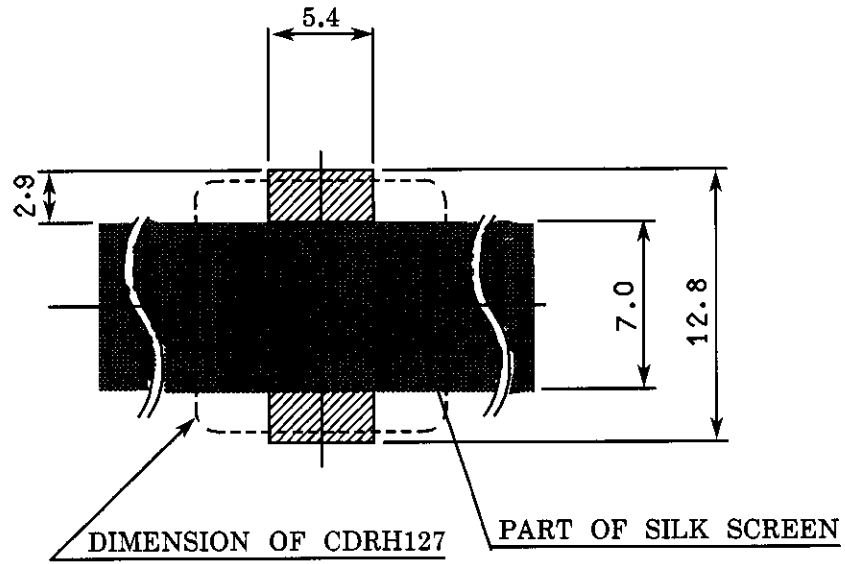
NO.	PART NO.	STAMP	INDUCTANCE [WITHIN]	RATED CURRENT (A) ※1	D.C.R. (Ω, at 20°C) MAX. (TYP.)	SUMIDA CODE
01	CDRH127-1R2NC	1R2	1.2 μH $\begin{matrix} + 40 \\ - 20 \end{matrix}$ %	9.80	7.0 m (5.2 m)	4739-0012
02	CDRH127-2R4NC	2R4	2.4 μH $\begin{matrix} + 40 \\ - 20 \end{matrix}$ %	8.00	11.5 m (8.5 m)	4739-0023
03	CDRH127-3R5NC	3R5	3.5 μH $\begin{matrix} + 40 \\ - 20 \end{matrix}$ %	7.50	13.5 m (10.0 m)	4739-0034
04	CDRH127-4R7NC	4R7	4.7 μH $\begin{matrix} + 40 \\ - 20 \end{matrix}$ %	6.80	15.8 m (11.7 m)	4739-0045
05	CDRH127-6R1NC	6R1	6.1 μH $\begin{matrix} + 40 \\ - 20 \end{matrix}$ %	6.60	17.6 m (13.0 m)	4739-0056
06	CDRH127-7R6NC	7R6	7.6 μH $\begin{matrix} + 40 \\ - 20 \end{matrix}$ %	5.90	20.0 m (15.0 m)	4739-0067
07	CDRH127-100MC	100	10 μH ± 20 %	5.40	21.6 m (16.0 m)	4739-0078
08	CDRH127-120MC	120	12 μH ± 20 %	4.90	24.3 m (18.0 m)	4739-0089
09	CDRH127-150MC	150	15 μH ± 20 %	4.50	27.0 m (20.0 m)	4739-0091
10	CDRH127-180MC	180	18 μH ± 20 %	3.90	39.2 m (29.0 m)	4739-0102
11	CDRH127-220MC	220	22 μH ± 20 %	3.60	43.2 m (32.0 m)	4739-0113
12	CDRH127-270MC	270	27 μH ± 20 %	3.40	45.9 m (34.0 m)	4739-0124
13	CDRH127-330MC	330	33 μH ± 20 %	3.00	64.8 m (48.0 m)	4739-0135
14	CDRH127-390MC	390	39 μH ± 20 %	2.75	72.9 m (54.0 m)	4739-0146
15	CDRH127-470MC	470	47 μH ± 20 %	2.50	0.10 (76.0 m)	4739-0157
16	CDRH127-560MC	560	56 μH ± 20 %	2.35	0.11 (83.0 m)	4739-0281
17	CDRH127-680MC	680	68 μH ± 20 %	2.10	0.14 (0.10)	4739-0292
18	CDRH127-820MC	820	82 μH ± 20 %	1.95	0.16 (0.12)	4739-0303
19	CDRH127-101MC	101	100 μH ± 20 %	1.70	0.22 (0.17)	4739-0314
20	CDRH127-121MC	121	120 μH ± 20 %	1.60	0.25 (0.18)	4739-0325

17 th SEP . , 1996			SUMIDA CODE	4739
C H K.	C H K.	D R G.	DEG NO. 4/6	
O.SATO	MAKABE	MONMA M		
			S-074-516	

SPECIFICATION

TYPE	CDRH127
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DIMENSION RECOMMENDED (mm)



PLEASE COAT WITH SILK BETWEEN ELECTRODE. \triangle

7 th SEP . , 1995

C H K.	C H K.	D R G.
KOMA		
ITA	Y.OKADA	MONMA
		M

DRG. NO.	6/6
S-074-516	