



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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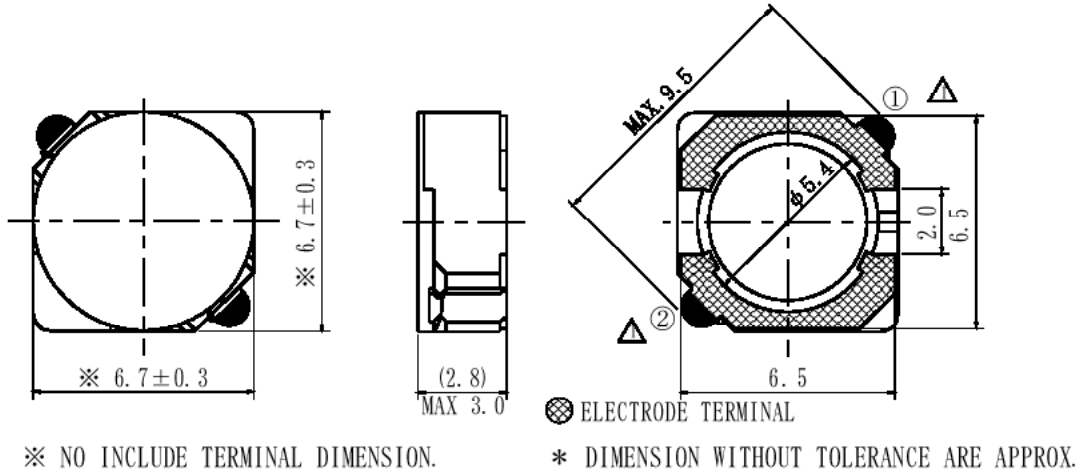
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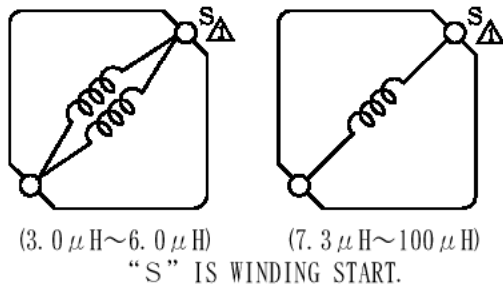


	SPECIFICATION	CUSTOMER:
	SUMIDA TYPE CDRH6D28	PART NO. REF. TO THE ATTACHED SHEET.

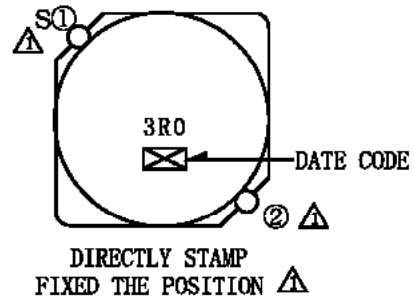
1. DIMENSION (UNIT mm)



2. CONNECTION (BOTTOM)



3. STAMP (Ex.)



4. NOTE

- * RECOMMENDED REFLOW CONDITION TO BE ACCORDING TO S-074-5003.
- * ENCLOSING CONDITION OF COILS. \triangle



- * CARRIER TAPE PACKING SPECIFICATION IN DETAIL. (S-074-5075)

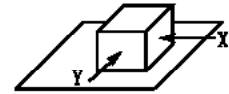
1st, Mar., 1999			SUMIDA CODE	4762
CHK.	CHK.	DRG.	DRG. NO. 2/5 S-074-6065	
LIU YUEJIANG	DENG WEISHI	YANG XIANYU S		

GENERAL CHARACTERISTICS

TYPE

CDRH6D28

1. OPERATING TEMPERATURE RANGE: $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$ (CONTAIN HEATING COIL)
2. STORAGE TEMPERATURE RANGE : $-30^{\circ}\text{C} \sim +85^{\circ}\text{C}$
3. EXTERNAL APPEARANCE : NO EXTERNAL DEFECTS CAN BE FOUND IN THE VISUAL INSPECTION.
4. ELECTRODE STRENGTH : NO ELECTRODE DETACHMENT SHOULD BE FOUND WHEN THE DEVICE IS PUSHED IN TWO DIRECTIONS OF X AND Y WITH THE FORCE OF 5.0N FOR 10 ± 5 SECONDS AFTER SOLDERING BETWEEN COPPER PLATE AND THE ELECTRODES.
(REFER TO FIGURE AT RIGHT)
5. HEAT ENDURANCE TEST : REFER TO S-074-5002.
6. TEMPERATURE FEATURE : INDUCTANCE COEFFICIENT IS $(0 \sim 2000) \times 10^{-6}/^{\circ}\text{C}$ ($-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$)
7. HUMIDITY TEST : INDUCTANCE DEVIATION IS WITHIN $\pm 5.0\%$ AND NO STRUCTURE AND ELECTRIC DEFECTS CAN BE FOUND AFTER 96 ± 4 HOURS TEST UNDER THE CONDITION OF RELATIVE HUMIDITY OF $90 \sim 95\%$ AND TEMPERATURE OF $40 \pm 2^{\circ}\text{C}$, AND 1 HOUR STORAGE UNDER ROOM AMBIENT CONDITIONS AFTER THE DEVICE IS WIPED WITH DRY CLOTH.
8. VIBRATION TEST : INDUCTANCE DEVIATION IS WITHIN $\pm 3.0\%$ AFTER 1 HOUR SWEEPING VIBRATION IN EACH THREE DIRECTIONS, NAMELY, FORWARD AND BACKWARD, UP AND DOWN, RIGHT AND LEFT. THE FREQUENCY IS $10 \sim 55 \sim 10\text{Hz}$ AND THE AMPLITUDE OF 1 MINUTE CYCLE IS 1.5mm PP.
9. SHOCK TEST : INDUCTANCE DEVIATION IS WITHIN $\pm 3.0\%$ AFTER THE TEST WITH GUM-BLOCK SHOCK TESTING MACHINE, ONCE IN EACH OF THE THREE PERPENDICULAR AXIS DIRECTIONS. THE SHOCK ACCELERATION IS 981m/s^2 .



1st, Mar., 1999

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DRG. NO. 3/5

S-074-6065

SPECIFICATION

TYPE

CDRH6D28

ELECTRICAL CHARACTERISTICS

NO.	PART NO.	STAMP	INDUCTANCE [WITHIN] ※1	D. C. R. (Ω) [MAX.] (TYP.) (at 20°C)	RATED CURRENT (A) ※2	SUMIDA CODE
1	CDRH6D28-3R0NC	3R0	3.0 μH ± 30%	24m (18m)	3.00	4762-0005
2	CDRH6D28-3R9NC	3R9	3.9 μH ± 30%	27m (20m)	2.60	4762-0006
3	CDRH6D28-5R0NC	5R0	5.0 μH ± 30%	31m (23m)	2.40	4762-0007
4	CDRH6D28-6R0NC	6R0	6.0 μH ± 30%	35m (26m)	2.25	4762-0008
5	CDRH6D28-7R3NC	7R3	7.3 μH ± 30%	54m (40m)	2.10	4762-0009
6	CDRH6D28-8R6NC	8R6	8.6 μH ± 30%	58m (43m)	1.85	4762-0010
7	CDRH6D28-100NC	100	10 μH ± 30%	65m (48m)	1.70	4762-0011
8	CDRH6D28-120NC	120	12 μH ± 30%	70m (52m)	1.55	4762-0012
9	CDRH6D28-150NC	150	15 μH ± 30%	84m (62m)	1.40	4762-0013
10	CDRH6D28-180NC	180	18 μH ± 30%	95m (70m)	1.32	4762-0014
11	CDRH6D28-220NC	220	22 μH ± 30%	128m (95m)	1.20	4762-0015
12	CDRH6D28-270NC	270	27 μH ± 30%	142m (105m)	1.05	4762-0016
13	CDRH6D28-330NC	330	33 μH ± 30%	165m (122m)	0.97	4762-0017
14	CDRH6D28-390NC	390	39 μH ± 30%	210m (156m)	0.86	4762-0018
15	CDRH6D28-470NC	470	47 μH ± 30%	238m (176m)	0.80	4762-0019
16	CDRH6D28-560NC	560	56 μH ± 30%	277m (205m)	0.73	4762-0020
17	CDRH6D28-680NC	680	68 μH ± 30%	304m (225m)	0.65	4762-0021
18	CDRH6D28-820NC	820	82 μH ± 30%	390m (290m)	0.60	4762-0022
19	CDRH6D28-101NC	101	100 μH ± 30%	535m (397m)	0.54	4762-0023

※1 MEASURING FREQUENCY INDUCTANCE at 10kHz

※2 THE RATED CURRENT INDICATES THE CURRENT WHEN THE INDUCTANCE DECREASES TO 65% OF INITIAL VALUE OR DC CURRENT WHEN THE TEMPERATURE OF COIL IS INCREASED BY 30°C. THE SMALLER ONE IS DEFINED AS RATED CURRENT.

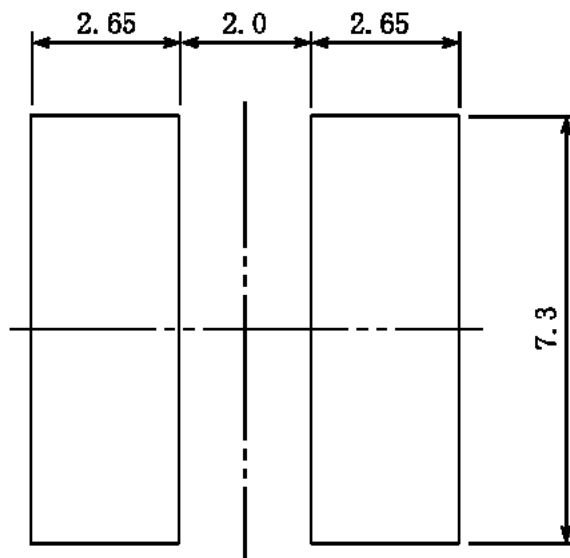
1st, Mar., 1999			SUMIDA CODE	4762
CHK.	CHK.	DRG.	DRG. NO. 4/5	
LIU YUEJIANG	DENG WEISHI	YANG XIANYU S		
			S-074-6065	

SPECIFICATION

TYPE

CDRH6D28

DIMENSION RECOMMENDED (mm)



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DRG. NO.

5/5

S-074-6065