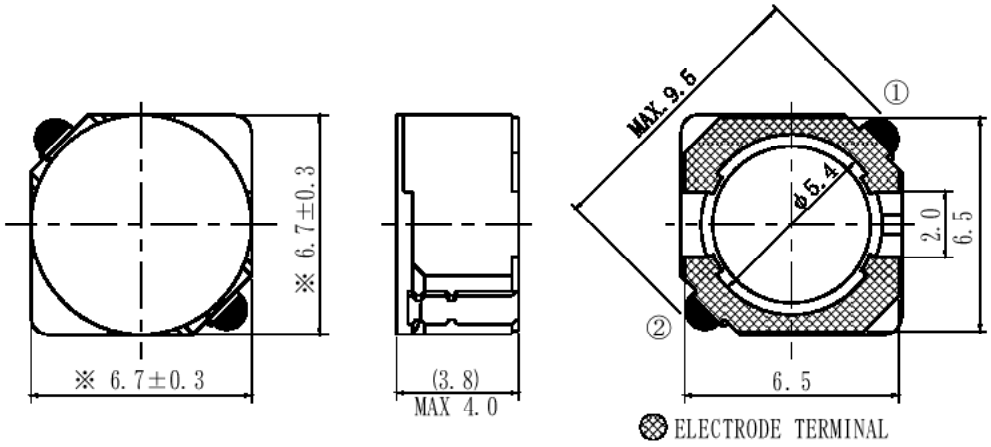
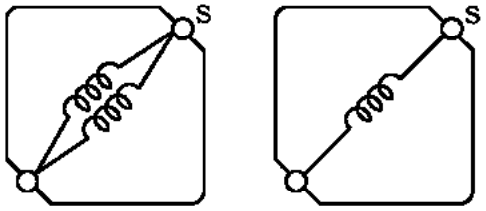
	SPECIFICATION	
	SUMIDA TYPE　CDRH6D38	PART NO. REF. TO THE ATTACHED SHEET.

1.DIMENSION　(UNIT mm)



※ NOT INCLUDE TERMINAL DIMENSION.　　＊ DIMENSION WITHOUT TOLERANCE ARE APPROX.

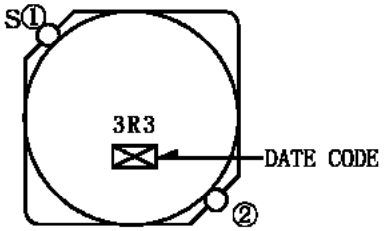
2.CONNECTION (BOTTOM)



(3.3μH～15μH)　　(18μH～100μH)

"S" IS WINDING START.

3. STAMP (Ex.)

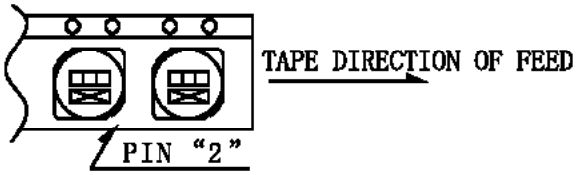


DIRECTLY STAMP
FIXED THE POSITION

4. NOTE

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

＊ ENCLOSING CONDITION OF COILS.



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

1st, Mar., 1999	SUMIDA CODE	4763	
CHK.	CHK.	DRG.	DRG. NO. 2/5
LIU YUEJIANG	DENG WEISHI	YANG XIANYU S	S-074-6067

sumida

GENERAL CHARACTERISTICS

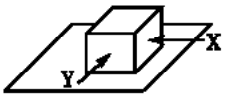
TYPE
CDRH6D38

1. OPERATING TEMPERATURE RANGE: -25 ～ +85℃ (CONTAIN HEATING COIL)

2. STORAGE TEMPERATURE RANGE : -30 ～ +85℃

3. EXTERNAL APPEARANCE : NO EXTERNAL DEFECTS CAN BE FOUND IN THE VISUAL INSPECTION.

4. TERMINAL STRENGTH : NO TERMINAL 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 TERMINALS. (REFER TO FIGURE AT RIGHT)



5. HEAT ENDURANCE TEST : REFER TO S-074-5002.

6. TEMPERATURE FEATURE : INDUCTANCE COEFFICIENT IS (0 ～ 2000)×10^{-6}/℃ (-25 ～+85℃)

7. HUMIDITY TEST : INDUCTANCE DEVIATION IS WITHIN ±5.0% AND NO STRUCTURE AND ELECTRIC DEFECTS CAN BE FOUND AFTER 96 HOURS TEST UNDER THE CONDITION OF RELATIVE HUMIDITY OF 90～95% AND TEMPERATURE OF 40±2℃, AND 1 HOUR STORAGE UNDER ROOM AMBIENT CONDITIONS AFTER THE DEVICE IS WIPED WITH DRY CLOTH.

8. VIBRATION TEST : INDUCTANCE DEVIATION IS WITHIN ±3.0% AFTER 1 HOUR SWEEPING VIBRATION IN EACH THREE DIRECTIONS, NAMELY, FORWARD AND BACKWARD, UP AND DOWN, RIGHT AND LEFT. THE FREQUENCY IS 10～55～10Hz AND THE AMPLITUDE OF 1 MINUTE CYCLE IS 1.5mm PP.

9. SHOCK TEST : INDUCTANCE DEVIATION IS WITHIN ±3.0% AFTER THE TEST WITH GOM-BLOCK SHOCK TESTING MACHINE, ONCE IN EACH OF THE THREE PERPENDICULAR AXIS DIRECTIONS. THE SHOCK ACCELERATION IS 981m/s^2.

1st, Mar., 1999

CHK.	CHK.	DRG.
LIU YUEJIANG	DENG WEISHI	YANG XIANYUS

sumida

SPECIFICATION

TYPE
CDRH6D38

ELECTRICAL CHARACTERISTICS

NO.	PART NO.	STAMP	INDUCTANCE [WITHIN] ※1	D.C.R. (Ω) [MAX.] (TYP.) (at 20℃)	RATED CURRENT (A) ※2	SUMIDA CODE
1	CDRH6D38-3R3NC	3R3	3.3μH ± 30%	20m (15m)	3.50	4763-0007
2	CDRH6D38-5RØNC	5R0	5.0μH ± 30%	24m (18m)	2.90	4763-0008
3	CDRH6D38-6R2NC	6R2	6.2μH ± 30%	27m (20m)	2.50	4763-0009
4	CDRH6D38-7R4NC	7R4	7.4μH ± 30%	31m (23m)	2.30	4763-0010
5	CDRH6D38-8R7NC	8R7	8.7μH ± 30%	34m (25m)	2.20	4763-0011
6	CDRH6D38-1ØØNC	100	10μH ± 30%	38m (28m)	2.00	4763-0012
7	CDRH6D38-12ØNC	120	12μH ± 30%	53m (39m)	1.70	4763-0013
8	CDRH6D38-15ØNC	150	15μH ± 30%	57m (42m)	1.60	4763-0014
9	CDRH6D38-18ØNC	180	18μH ± 30%	92m (68m)	1.50	4763-0015
10	CDRH6D38-22ØNC	220	22μH ± 30%	96m (71m)	1.30	4763-0016
11	CDRH6D38-27ØNC	270	27μH ± 30%	109m (81m)	1.20	4763-0017
12	CDRH6D38-33ØNC	330	33μH ± 30%	124m (92m)	1.10	4763-0018
13	CDRH6D38-39ØNC	390	39μH ± 30%	138m (102m)	1.00	4763-0019
14	CDRH6D38-47ØNC	470	47μH ± 30%	155m (115m)	0.95	4763-0020
15	CDRH6D38-56ØNC	560	56μH ± 30%	202m (150m)	0.85	4763-0021
16	CDRH6D38-68ØNC	680	68μH ± 30%	234m (173m)	0.75	4763-0022
17	CDRH6D38-82ØNC	820	82μH ± 30%	324m (240m)	0.70	4763-0023
18	CDRH6D38-1Ø1NC	101	100μH ± 30%	358m (265m)	0.65	4763-0024

※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℃. THE SMALLER ONE IS DEFINED AS RATED CURRENT.

1st, Mar., 1999 | SUMIDA CODE | 4763

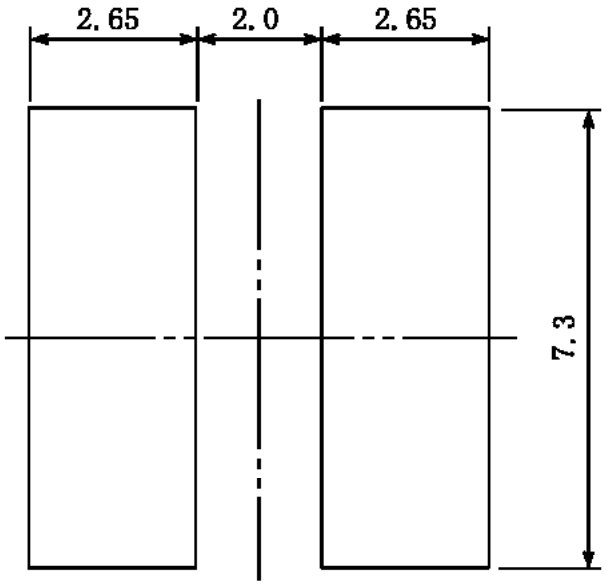
CHK.	CHK.	DRG.		DRG. NO. 4/5
LIU YUEJIANG	DENG WEISHI	YANG XIANYUS		S-074-6067

sumida

SPECIFICATION

TYPE
CDRH6D38

DIMENSION RECOMMENDED (mm)



1st, Mar., 1999

CHK.	CHK.	DRG.
LIU YUEJIANG	DENG WEISHI	YANG XIANYU S

DRG. NO.	5/5
S-074-6067	

sumida