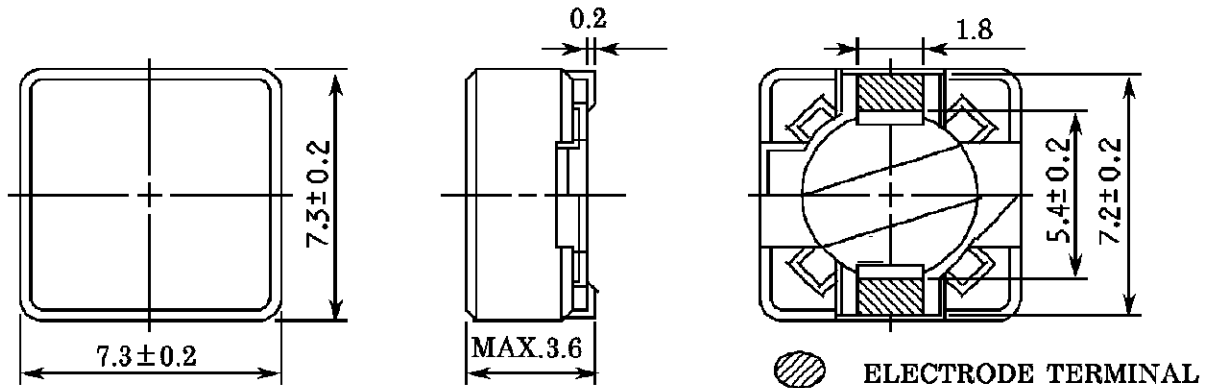


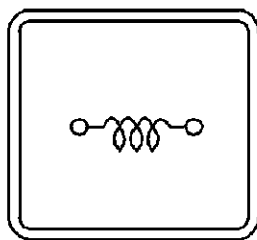
SPECIFICATION		
	SUMIDA TYPE CDPH73	PART NO. REF. TO THE ATTACHED SHEET.

1. DIMENSION (UNIT mm)

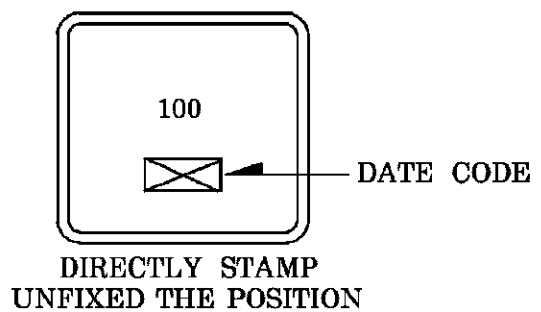


* DIMENSION WITHOUT TOLERANCE ARE APPROX.

2. CONNECTION (BOTTOM)

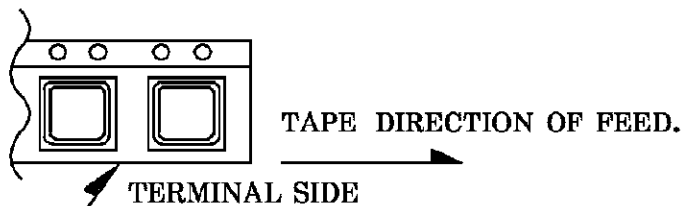


3. STAMP (Ex.)



4. NOTE

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



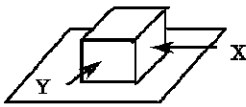
- * CARRIER TAPE PACKING SPECIFICATION IN DETAIL.(S-074-490)
- * RECOMMENDED REFLOW CONDITION TO BE ACCORDING TO S-074-5003.

14 th DEC . , 1994			SUMIDA CODE	4738
CHK.	CHK.	DRG.	DRG. NO. 2/5	
O.SATO	SUZUKI	MONMA J		
S-074-509				

GENERAL CHARACTERISTICS

TYPE	CDPH73
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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. TERMINAL STRENGTH : AFTER SOLDERING, BETWEEN COPPER PLATE AND TERMINAL OF COIL, PUSH IN TWO DIRECTIONS OF X, Y WITHSTANDING 5.0N FOR 10±2 SECONDS. TERMINAL 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 ~ + 20 °C)
(-2000 ~ 1000)×10⁻⁶/°C (+ 20 ~ + 80 °C)
8. HUMIDITY TEST : INDUCTANCE DEVIATION WITHIN ± 8 %

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 ± 5 % 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 ± 5 % AFTER DROP DOWN WITH 981m/s² SHOCK TESTING ATTITUDE UPON A RUBBER BLOCK METHOD SHOCK MACHINE, FOR 1 TIME, IN EACH OF THREE ORIENTATIONS.

14 th DEC . , 1994

CHK.	CHK.	DRG.
O.SATO	SUZUKI	MONMA J

DRG. NO.	3/5
S-074-509	

SPECIFICATION

TYPE	CDPH73
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ELECTRICAL CHARACTERISTICS

NO.	PART NO.	STAMP	INDUCTANCE [WITHIN] ※1	D.C.R. (Ω . at 20°C) MAX (TYP)	RATED CURRENT (A) ※2	SUMIDA CODE
01	CDPH73-100NC	100	10 μ H $\begin{matrix} +25 \\ -20 \end{matrix}$ %	0.09 (0.070)	1.40	4738-0019
02	CDPH73-120NC	120	12 μ H $\begin{matrix} +25 \\ -20 \end{matrix}$ %	0.10 (0.080)	1.30	4738-0021
03	CDPH73-150NC	150	15 μ H $\begin{matrix} +25 \\ -20 \end{matrix}$ %	0.13 (0.10)	1.20	4738-0032
04	CDPH73-180NC	180	18 μ H $\begin{matrix} +25 \\ -20 \end{matrix}$ %	0.15 (0.11)	1.10	4738-0043
05	CDPH73-220NC	220	22 μ H $\begin{matrix} +25 \\ -20 \end{matrix}$ %	0.17 (0.13)	1.00	4738-0054
06	CDPH73-270NC	270	27 μ H $\begin{matrix} +25 \\ -20 \end{matrix}$ %	0.21 (0.16)	0.88	4738-0065
07	CDPH73-330NC	330	33 μ H $\begin{matrix} +25 \\ -20 \end{matrix}$ %	0.24 (0.18)	0.80	4738-0076
08	CDPH73-390NC	390	39 μ H $\begin{matrix} +25 \\ -20 \end{matrix}$ %	0.31 (0.24)	0.75	4738-0087
09	CDPH73-470NC	470	47 μ H $\begin{matrix} +25 \\ -20 \end{matrix}$ %	0.35 (0.27)	0.67	4738-0098
10	CDPH73-560NC	560	56 μ H $\begin{matrix} +25 \\ -20 \end{matrix}$ %	0.40 (0.30)	0.62	4738-0109
11	CDPH73-680NC	680	68 μ H $\begin{matrix} +25 \\ -20 \end{matrix}$ %	0.52 (0.40)	0.54	4738-0110
12	CDPH73-820NC	820	82 μ H $\begin{matrix} +25 \\ -20 \end{matrix}$ %	0.60 (0.45)	0.52	4738-0121
13	CDPH73-101NC	101	100 μ H $\begin{matrix} +25 \\ -20 \end{matrix}$ %	0.70 (0.55)	0.46	4738-0132
14	CDPH73-121NC	121	120 μ H $\begin{matrix} +25 \\ -20 \end{matrix}$ %	0.82 (0.63)	0.42	4738-0143
15	CDPH73-151NC	151	150 μ H $\begin{matrix} +25 \\ -20 \end{matrix}$ %	1.35 (1.05)	0.37	4738-0154
16	CDPH73-181NC	181	180 μ H $\begin{matrix} +25 \\ -20 \end{matrix}$ %	1.50 (1.15)	0.33	4738-0165
17	CDPH73-221NC	221	220 μ H $\begin{matrix} +25 \\ -20 \end{matrix}$ %	1.70 (1.30)	0.30	4738-0176
18	CDPH73-271NC	271	270 μ H $\begin{matrix} +25 \\ -20 \end{matrix}$ %	1.90 (1.50)	0.28	4738-0187
19	CDPH73-331NC	331	330 μ H $\begin{matrix} +25 \\ -20 \end{matrix}$ %	2.80 (2.14)	0.25	4738-0198
20	CDPH73-391NC	391	390 μ H $\begin{matrix} +25 \\ -20 \end{matrix}$ %	3.00 (2.30)	0.22	4738-0209
21	CDPH73-471NC	471	470 μ H $\begin{matrix} +25 \\ -20 \end{matrix}$ %	3.50 (2.70)	0.20	4738-0211

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

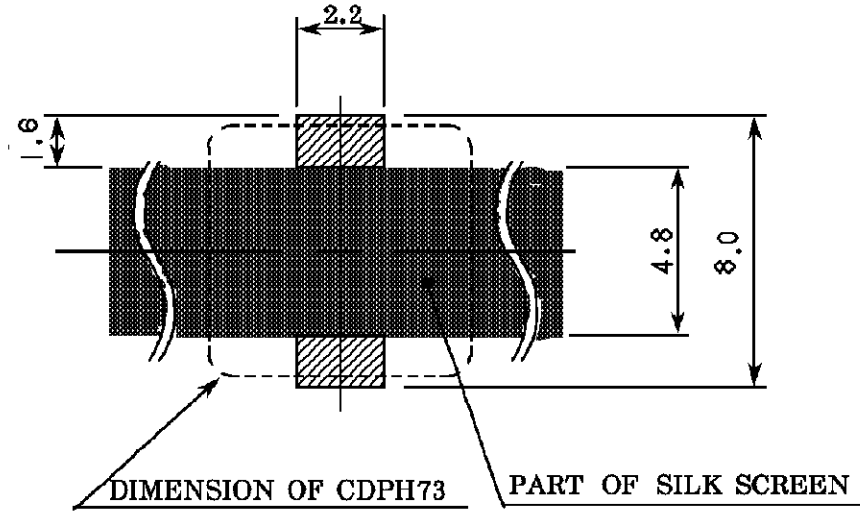
※ 2: UNDER D.C. PRE-MAGNETIZATION CHARACTERISTICS, IN TERMS OF RATED CURRENT, THE INDUCTANCE SHOULD NOT LESS THAN 75 % OF THE ORIGINAL VALUE, AND HEAT-UP, CHANGE OF TEMPERATURE SHOULD BE BELOW 40°C. (TEMPERATURE STANDARD ; T_a = 20 °C)

14 th DEC . , 1994			SUMIDA CODE	4738
CH K.	CH K.	DR G.	DEG NO. 4/5	
O.SATO	SUZUKI	MONMA J		
			S-074-509	

SPECIFICATION

TYPE	CDPH73
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DIMENSION RECOMMENDED (mm)



PLEASE COAT WITH SILK BETWEEN TERMINAL.

14 th DEC . , 1994

CHK.	CHK.	DRG.
O.SATO	SUZUKI	MONMA J

DRG. NO.	5/5
S-074-509	