

R E V I S I O N S

| CUSTOMER: | PART NO. REF. TO THE ATTACHED SHEET. | SUMIDA TYPE C E E 1 2 4 |
|--------------------|--|----------------------------|
| DATE | R E V I S I O N S | C L I E N T |
| △ 29th, Jul., 1998 | 98JB803 INDUCTANCE CHANGED(P.4/5) 0.7 μH ± 20% 0.75 μH ± 20% 1.3 μH ± 20% 1.4 μH ± 20% | PDU TSF |
| △ 11th, Aug., 1998 | 98JB834 NOTE CHANGED(P.2/5) | PDU TSF |
| △ 21st, Aug., 1998 | 98JB860 PART NO.CHANGED(P.2/5.4/5) INDUCTANCE CHANGED 0.75 μH ± 20% 0.7 μH ± 20%(P.4/5) | PDU TSF |
| △ 9th, Sep., 2000 | PG00-1476 COMPANY NAME TO BE CHANGED | GRC HUANGDONGRONG |
| △ 23rd, Feb., 2002 | PG02-0372 MEASURED AT FREQUENCY:1V TO BE ADDED(P.4/5) | TPD ZHANGJUNWEI |
| △ 29th, Nov., 2002 | TF76-02368 GENERAL CHARACTERISTICS: OPERATING TEMPERATURE TO BE CHANGED: -40 ~+125 -40 ~+100 ; STORAGE TEMPERATURE:-40 ~+125 TO BE ADDED(P.3/5) | SALES KOYAMA |

1 2 t h , J u l . , 1 9 9 8

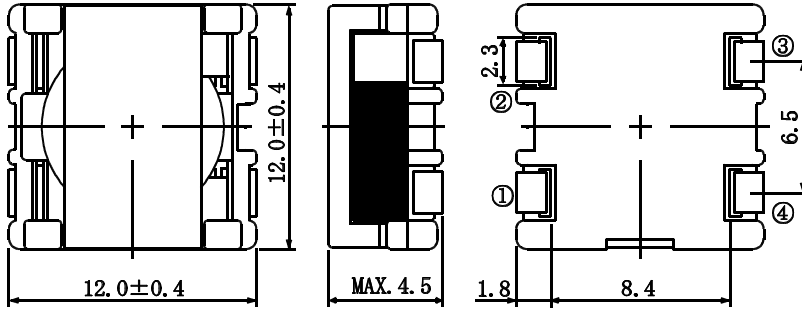
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|---------|---------|------------|
| C H K . | C H K . | D R G . |
| SUNNY | DENG | TANG YC |

SAMPLE NO. 3 3 0 7 - T 0 1 9

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|---------------------|-------|
| DRG. NO. | 1 / 5 |
| S - 0 7 4 - 6 0 4 5 | |

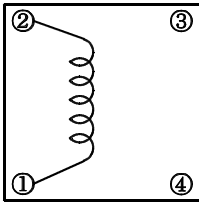
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|-------------------------|--|--------------------------------------|
| SPECIFICATION | | CUSTOMER: |
| SUMIDA TYPE C E E 1 2 4 | | PART NO. REF. TO THE ATTACHED SHEET. |

1. DIMENSION (UNIT mm)

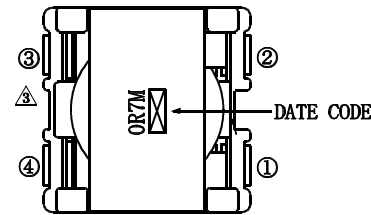


* DIMENSION WITHOUT TOLERANCE ARE APPROX.

2. CONNECTION (BOTTOM)

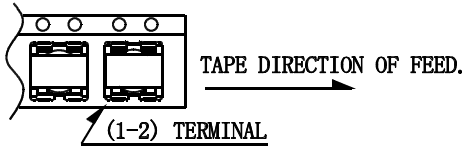


3. STAMP (Ex.)



4. NOTE

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





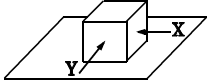
- * CARRIER TAPE PACKING SPECIFICATION IN DETAIL.(S-074-5042)
- ⚠ * PLEASE PAY ATTENTION TO THE SUITABILITY OF THE PATTERN FOR THE CURRENT IN DESIGN.
- * RECOMMENDED REFLOW CONDITION TO BE ACCORDING TO S-074-5003.
- ⚠ * PLEASE PAY ATTENTION TO SAFETY DISTANCE BETWEEN COIL PERIPHERY AND OTHER PARTS OR COPPER PATTERN, BECAUSE Mn-Zn SERIES FERRITE CORE IS USED IN THE PRODUCTS.

| | | | | |
|------------------|------|------------|-----------------------------------|------|
| 12th, Jul., 1998 | | | SUMIDA CODE | 4708 |
| CHK. | CHK. | DRG. | DRG. NO. 2/5 S-074-6045 | |
| SUNNY | DENG | TANG YC | | |

GENERAL CHARACTERISTICS

TYPE

CEE 124

1. STORAGE TEMPERATURE : -40 ~ +125 
2. OPERATING TEMPERATURE : -40 ~ +125 (INCLUDING TEMPERATURE RISE) 
3. EXTERNAL APPEARANCE : ON VISUAL INSPECTION, THE COIL HAS NO EXTERNAL DEFECTS.
4. 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)
 
5. HEAT ENDURANCE TEST : REFER TO S-074-5002.
6. INDUCTANCE TEMPERATURE COEFFICIENT : $(0 \sim 2000) \times 10^{-6} / (-40 \sim +100)$
7. HUMIDITY TEST : INDUCTANCE DEVIATION WITHIN $\pm 10.0\%$ AFTER PUTTING THE COIL INTO THE ENVIRONMENT OF 90~95% RELATIVE HUMIDITY AND TEMPERATURE OF 40 ± 2 FOR 96 HOURS, THEN DRYING UNDER NORMAL CONDITION FOR 1 HOUR.
8. VIBRATION TEST : INDUCTANCE DEVIATION WITHIN $\pm 3.0\%$ VIBRATION FOR 1 HOUR IN EACH OF THE THREE ORIENTATIONS VERTICALLY EACH OTHER (X.Y.Z) AT SWEEP VIBRATION (10~55~10Hz) WITH 1.5mm P-P AMPLITUDE.
9. SHOCK TEST : INDUCTANCE DEVIATION WITHIN $\pm 3.0\%$ TESTED IN EACH OF THE THREE ORIENTATIONS VERTICALLY FOR 1 TIME AT THE SHOCK ACCELERATION OF $981m/s^2$, USING RUBBER BLOCK SHOCK TESTING MACHINE.

12th, Jul., 1998

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



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| DRG. NO. | 3 / 5 |
| S-074-6045 | |


SPECIFICATION

TYPE

CEE124

ELECTRICAL CHARACTERISTICS

| NO. | PART NAME. | STAMP | INDUCTANCE [WITHIN] 1 | D.C.R. (m) [MAX.] (at 20) (TYP.) | RATED CURRENT (A) 2 | SUMIDA CODE |
|-----|---|-------|---|---|------------------------------|----------------|
| 0 1 |  CEE124-ØR7M | ØR7M | 0.75 µH ± 20%  | 5.5(4.5) | 9.0 | 4708-0003 |
| 0 2 |  CEE124-1R3M | 1R3M | 1.3 µH ± 20%  | 7.0(5.8) | 8.5 | 4708-0004 |
| 0 3 |  CEE124-2R1M | 2R1M | 2.1 µH ± 20% | 8.4(6.9) | 8.0 | 4708-0005 |

1 : MEASURED AT FREQUENCY OF 100 kHz, 1V. 

2 : THIS INDICATES THE VALUE OF CURRENT WHEN THE INDUCTANCE IS 75% OR MORE OF ITS NOMINAL AT D.C. SUPERPO VALUE AND TEMPERATURE RISING t=40 LOWER. (Ta=20)

12th, Jul., 1998

| CHK. | CHK. | DRG. |
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| SUNNY | DENG | TANG YC |

DRG. NO.

4 / 5

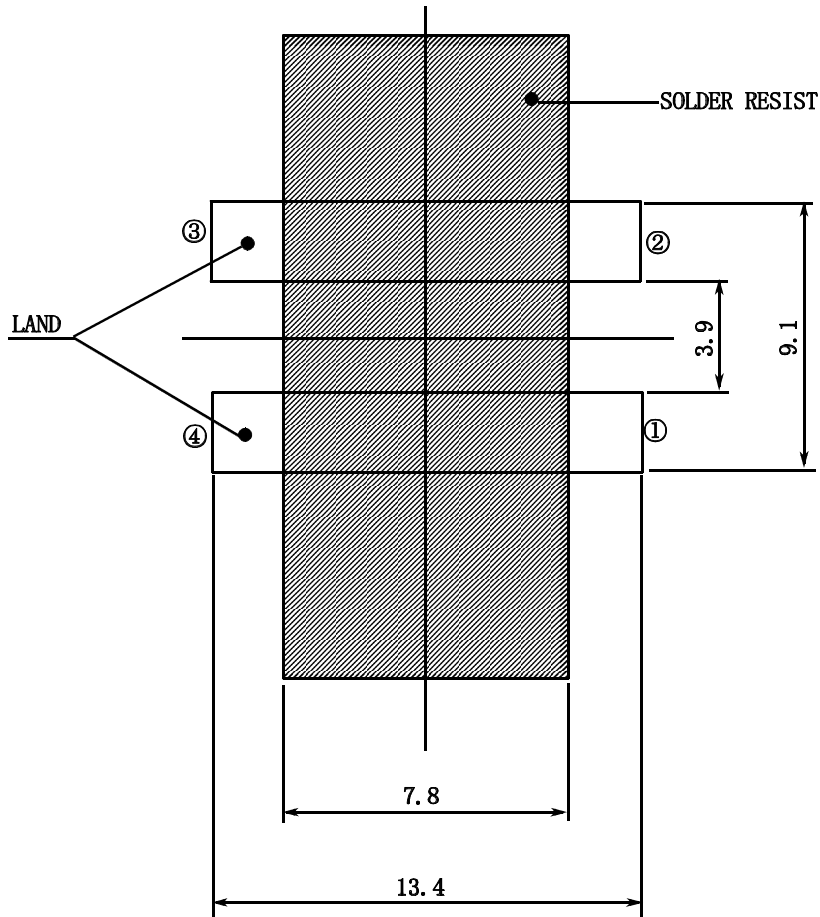
S-074-6045



SPECIFICATION

TYPE
CEE 124

RECOMMENDED DIMENTION OF LAND (mm)



12th, Jul., 1998

| CHK. | CHK. | DRG. |
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| SUNNY | DENG | TANG YC |

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|------------|-------|
| DRG. NO. | 5 / 5 |
| S-074-6045 | |

