	SPECIFICATION (REVISIONS)	TYPE UU9LFBH

MARKING	DATE	REQUEST No.	REVISIONS	CLIENT
△1	22nd, Apr.,2005	PG05-D158-3	MARKER CHANGED： RoHS COMPLIANCE←LEAD FREE(P.2/4)	CRD ZENGYUNXIA

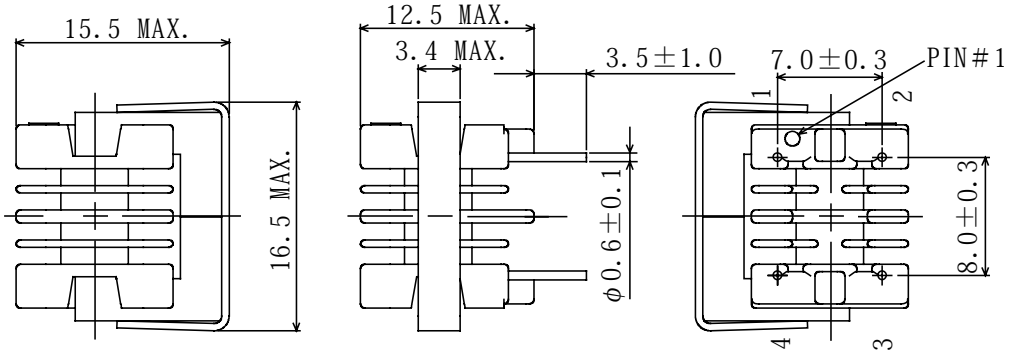
NOTE： THIS SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTICE FOR IMPROVEMENT.IT IS REQUESTED THAT CONFIRMATION IS MADE WHEN ORDERING	SPEC.NO. S－０７４－６２９４ 1/4

S P E C I F I C A T I O N

TYPE
UU9LFBH

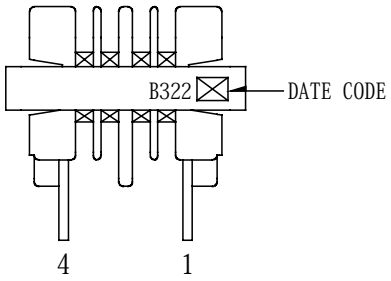
1. SCOPE AND GENERAL STIPULATIONS
REF.TO S-074-1510.

2. APPEARANCE
2-1.DIMENSION (mm)

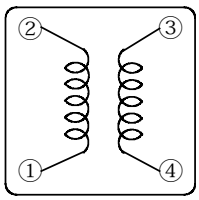


＊ DIMENSION DOES NOT INCLUDE SOLDER USED ON COIL.
＊ TERMINAL PITCH IS MEASURED AT THE BASE.(NOT FROM TIP OF THE PIN.)

2-2. STAMP(E.G.)



3. COIL SPECIFICATION
3-1.CONNECTION(BOTTOM VIEW)



＊ WINDING START IS #1,#4 OR #2,#3.
＊ #1 AND #4,#2 AND #3：SHOULD BE SAME POLARITY.

△1
RoHS
compliance
Cd:Max.0.01wt%
others:Max.0.1wt%

MADE：４ｔｈ,Ｓｅｐ.，２００３			PART NAME	REF.TO ELECTRICAL CHARACTERISTICS	
ＣＨＫ.	ＣＨＫ.	ＤＲＧ.	SUMIDA CODE	１３２５	
LIAO XI	WU MENGYU	CHEN MAOLAN J	SAMPLE NO.	1325-T002～1325-T006	SPEC.NO. Ｓ－０７４－６２９４
			FIRST ISSUE		2/4

sumida

S P E C I F I C A T I O N

TYPE
UU9LFBH

3-2. ELECTRICAL CHARACTERISTICS

NO.	PART NO.	STAMP	INDUCTANCE [MIN.](mH) (1-2)OR(4-3) (at 1kHz)※1	DIFFERENCE OF INDUCTANCE [MAX.] (μH)	D.C.R. [MAX.](Ω) (1-2)OR(4-3) (at 20℃)※1	ALLOWABLE CURRENT BETWEEN(1-4) (2-3)SHORTED (mA)※2	SUMIDA CODE
01	UU9LFBHNP-B322	B322	3.2(6.3)	150	1.7(1.3)	360	-0009
02	UU9LFBHNP-B5Ø2	B502	5.0(10.0)	200	2.8(2.2)	260	-0010
03	UU9LFBHNP-B9Ø2	B902	9.0(18.0)	360	5.0(3.9)	180	-0011
04	UU9LFBHNP-B163	B163	16(33)	440	7.0(5.6)	160	-0012
05	UU9LFBHNP-B283	B283	28(56)	700	13(10)	130	-0013

※1 ( ) IS TYPICAL VALUE.

※2 ALLOWABLE CURRENT:D.C. CURRENT WHEN TEMPERATURE OF COIL INCREASED UP TO 40℃.(Ta=20℃)

NOTE :

SPEC.NO.
S－０７４－６２９４

S P E C I F I C A T I O N

TYPE
UU9LFBH

4. GENERAL CHARACTERISTICS

4-1. STORAGE TEMPERATURE RANGE　－40℃ ～ ＋100℃

4-2. OPERATING TEMPERATURE RANGE　－40℃ ～ ＋100℃(INCLUDING COIL'S SELF TEMPERATURE RISE)

4-3. EXTERNAL APPEARANCE　NO EXTERNAL DEFECTS CAN BE FOUND IN THE VISUAL INSPECTION.

4-4. TERMINAL STRENGTH　NO DISTINGUISHED TERMINAL PEELING OFF OR WIRE BROKEN SHOULD BE FOUND AFTER EACH OF THE TERMINAL IS APPLIED WITH STATIC PULLING FORCE OF 5.0N FOR 60±5 SECONDS.

4-5. HEAT RESISTANCE　NO DISTINGUISHED STRUCTURE AND ELECTRIC DEFECTS SHOULD BE FOUND AFTER 1.5±0.5mm HIGH BOTTOM OF ALL THE TERMINALS ARE IMMERSED IN THE MELTED SOLDER OF 270±5℃ FOR 5±0.5 SECONDS.

4-6. INSULATING RESISTANCE VOLTAGE PROOF　THE INSULATION RESISTANCE SHOULD BE OVER 100MΩ WHEN D.C. 500V IS APPLIED TO COIL-COIL AND COIL-CORE, MEANWHILE NO STRUCTURE AND ELECTRIC DEFECTS SHOULD BE FOUND IN 1 MINUTE. NO DAMAGE TO THE INSULATION SHOULD BE FOUND AFTER A.C. 2000Vrms IS (50Hz/60Hz) APPLIED TO COIL-COIL AND COIL-CORE, MEANWHILE NO STRUCTURE AND ELECTRIC DEFECTS SHOULD BE FOUND IN 1 MINUTE.

4-7. 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.

4-8. SHOCK TEST　INDUCTANCE DEVIATION IS WITHIN ±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.

4-9. HUMIDITY TEST　INDUCTANCE DEVIATION IS WITHIN ±5.0% AFTER 96±4 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.

5. NOTE

＊ THE COIL SHOULD BE HANDLED ONE BY ONE FROM THE PACKING BOX WHEN ASSEMBLED TO P.C.B. TO PREVENT THE WIRE BREAKING FOR THE WIRE EXPOSED TO THE AIR,AND KEEP THE COIL NOT TOUCHING THE OTHER PARTS.