

Specification for Approval

产品承认书

Customer:

Customer P/N:

VOOHU P/N:

WHEP7927

Version No.:

V0.1

Description:

EP7

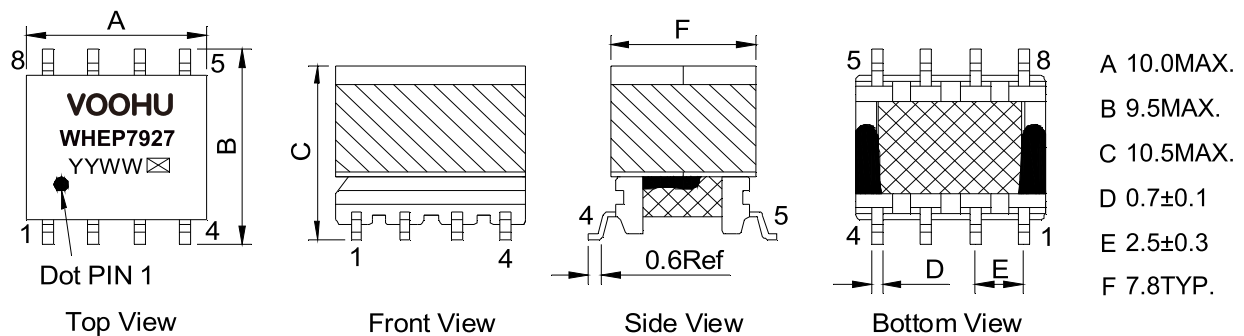
SUZHOU VOOHU Company Approval		Customer Approval (客户承认签章)
DRAWN	Geoffrey.Song	
CHECKED	Sunny.Xu	
APPROVED	Elvis. Song	
日期DATE:2026/07/10		日期DATE: 2026/07/10

Please Return One Copy to Us After Approved,TKs! (承认后请回寄一份,谢谢)

[illegible]

DESCRIPTION	PART NO.	REV:R0
EP7	WHEP7927	PAGE:1/5

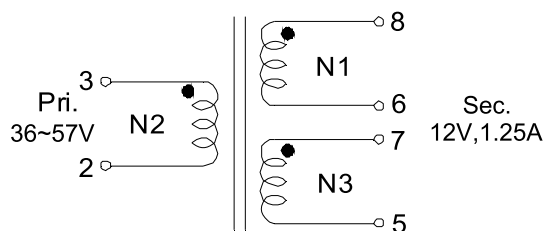
1. Physical Dimensions (Unit:mm)



Notes:

- (1). Marking type is laser printing
- (2). YY: Year Code; WW: Week Code
- (3). :When making samples, S is used to represent the product is a sample
- (4). :Use different letters or numbers to represent the products are produced from different production lines
- (5). Size B not including soldering tags
- (6). Coplanarity requirement: Less than 0.10mm
- (7). Add epoxy to the center column of the cores

2. Connection

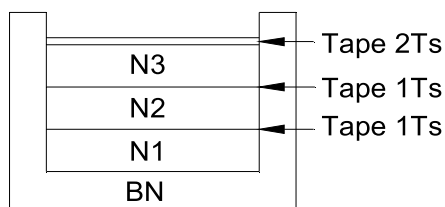


" • "Start of winding

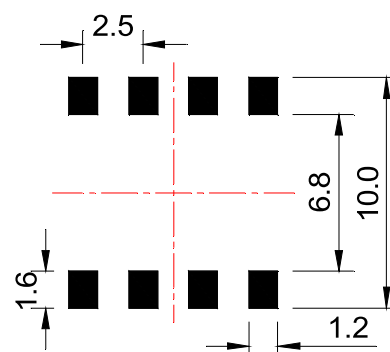
*Customer to tie terminals 5&6 and 7&8 on PC board.

*Application of the transformer allows for the leadwires between terminals 5&6 and 7&8 to solder bridge.

4. Structure of Products



3. Recommended Pad Layout (Unit:mm)



5. No of Turns & Wire Spec

No	No of Pin	Turns	Wire Spec
N1	8--6	13 TS	ø0.24mm*1P P180
N2	3--2	26 TS	ø0.24mm*1P P180
N3	7--5	13 TS	ø0.24mm*1P P180

DESCRIPTION	PART NO.	REV:R0
EP7	WHEP7927	PAGE:2/5

6. Electrical Characteristics

*Operating temperature range: -40℃ to +125℃

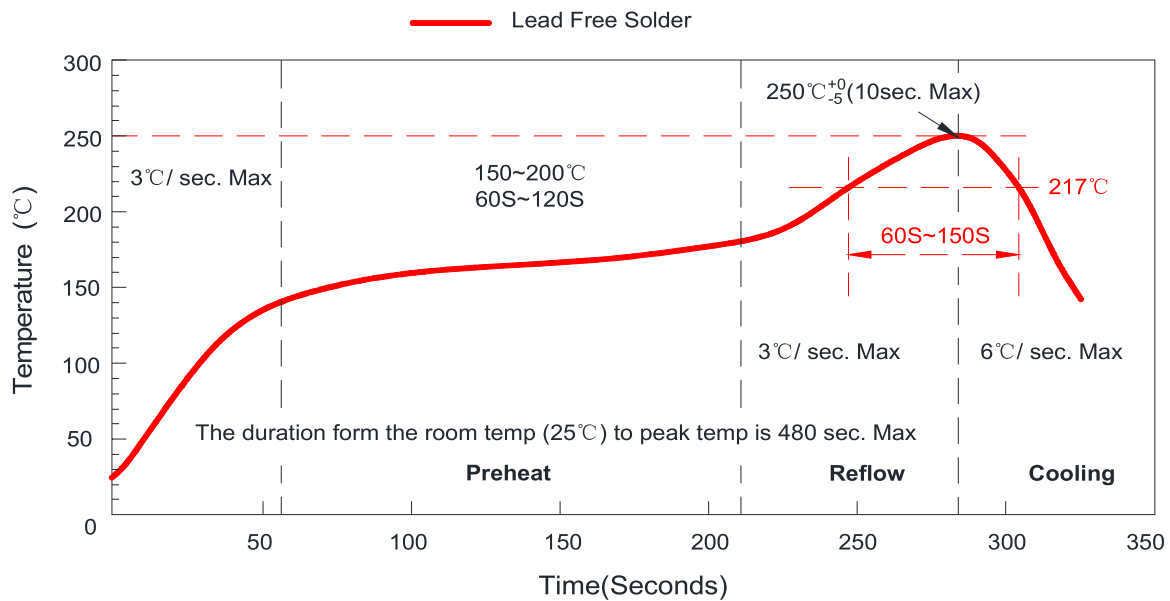
*Storage temperature range: -40℃ to +125℃

Items	Winding	Specifications	Test Conditions
Inductance	L(3-2)	55uH±10%	at 100kHz,1V
LK-Inductance	LK(3-2) Tie others	1uH MAX.	at 100kHz,1V
DCR	R(3-2)	235mΩ MAX.	at 25℃
	R(8-6)	105mΩ MAX.	
	R(7-5)	140mΩ MAX.	
Turns Ratio	(3-2):(8-6):(7-5)	1:0.5:0.5;±3%	at 100kHz,1V
Hi-Pot	2,3 To 5,6,7,8	1500VAC	5mA.3S
	5,6 To 7,8	500VAC	5mA.3S
	Win. To Core	500VAC	5mA.3S

DESCRIPTION	PART NO.	REV:R0
EP7	WHEP7927	PAGE:3/5

7. Recommended Temperature Conditions of Air Reflow Soldering

Test Solderability Temperature Profile

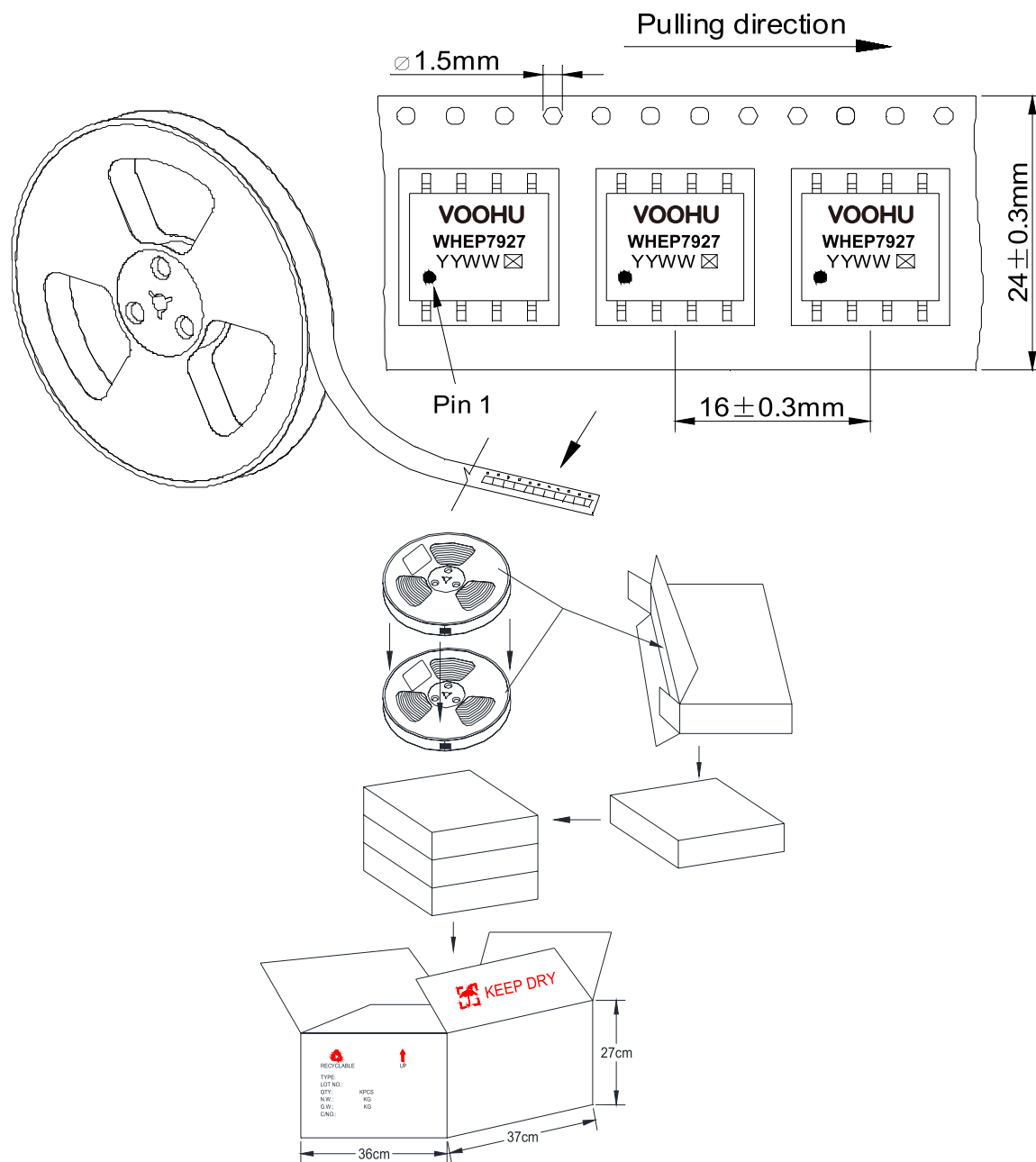


Profile Feature	Pb-Free Assembly
Average Ramp-Up Rate (T _{max} to T _p)	3°C/Second Max.
Preheat	
-Temperature Min. (T _{min})	150°C
-Temperature Max. (T _{max})	200°C
-Time (T _{min} to T _{max})	60-120 Seconds
Time maintained above:	
-Temperature (T _L)	217°C
-Time (T _L)	60-150 Seconds
Peak/Classification Temperature (T _p)	250°C
Time within 5°C of actual Peak Temperature (T _p)	10 Seconds Max.
Ramp-Down Rate	6°C/Second Max.
Time 25°C to Peak Temperature	8 Minutes Max.

DESCRIPTION	PART NO.	REV:R0
EP7	WHEP7927	PAGE:4/5

8.Packing Request

- * Every roll of the carrier tape can contain 400pcs products.
- *Every small packing box contains two rolls of carrier tape. Total quantity: 800pcs.
- *Every carton box contains 3 small packing boxes. Total quantity: 2400pcs.



DESCRIPTION	PART NO.	REV:R0
EP7	WHEP7927	PAGE:5/5