

Specification for Approval

产品承认书

Customer:

Customer P/N:

VOOHU P/N:

WHEPD13002

Version No.:

V0.1

Description:

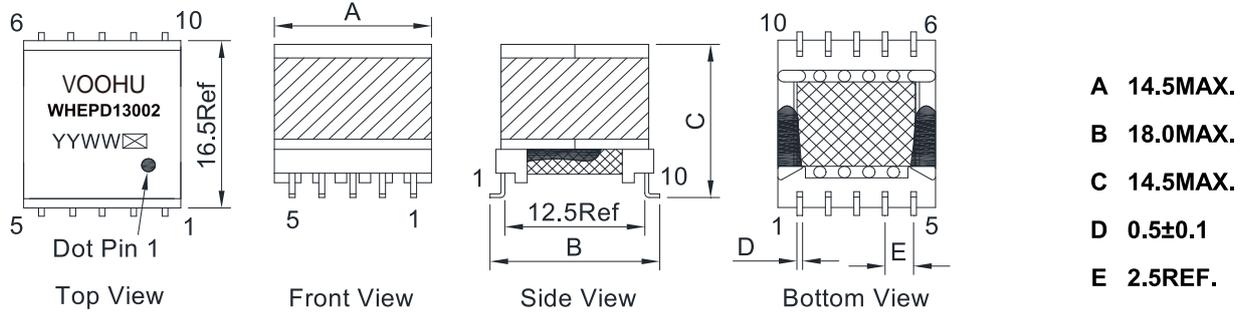
EPD13

SUZHOU VOOHU Company Approval		Customer Approval (客户承认签章)
DRAWN	Geoffrey.Song	
CHECKED	Sunny.Xu	
APPROVED	Elvis. Song	
日期DATE:2026/2/05		日期DATE: 2026/2/05

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

Product Specification

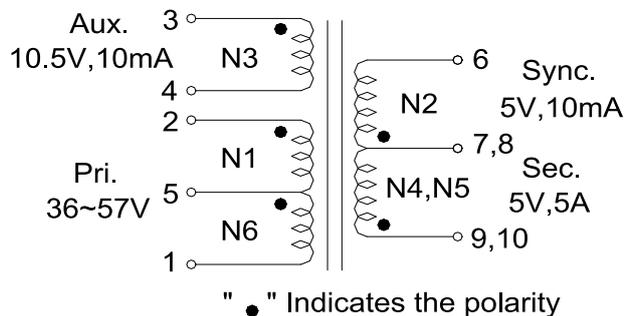
1. Physical Dimensions (Unit:mm)



Notes:

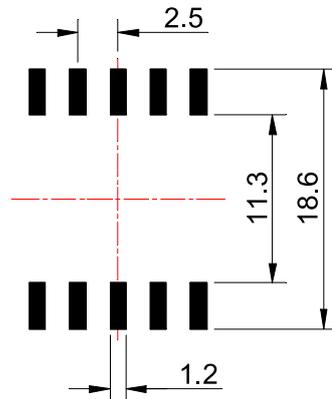
- (1). Marking type is laser printing
- (2). YY: Year Code; WW: Week Code
- (3). ☒: When making samples, S is used to represent the product is a sample
- (4). ☒: Use different letters or numbers to represent the products are produced from different production lines
- (5). Size B does not include solder tips
- (6). Coplanarity requirement: Less than 0.15mm
- (7). Add epoxy to the center column of the cores

2. Connection

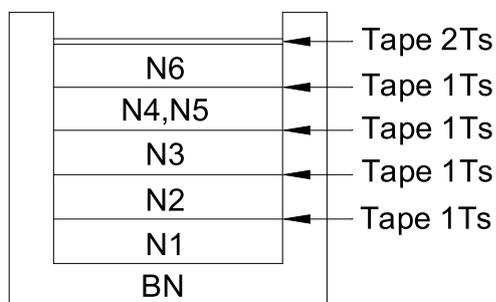


*Connect pin 9 to 10 and pin 7 to 8 on the PC board.

3. Recommended Pad Layout (Unit:mm)



4. Structure of Products



DESCRIPTION	PART NO.	REV:R0
EPD13	WHEPD13002	PAGE:2/5

Product Specification

5. Electrical Characteristics

*Operating temperature range: -40°C to +125°C

*Storage temperature range: -40°C to +125°C

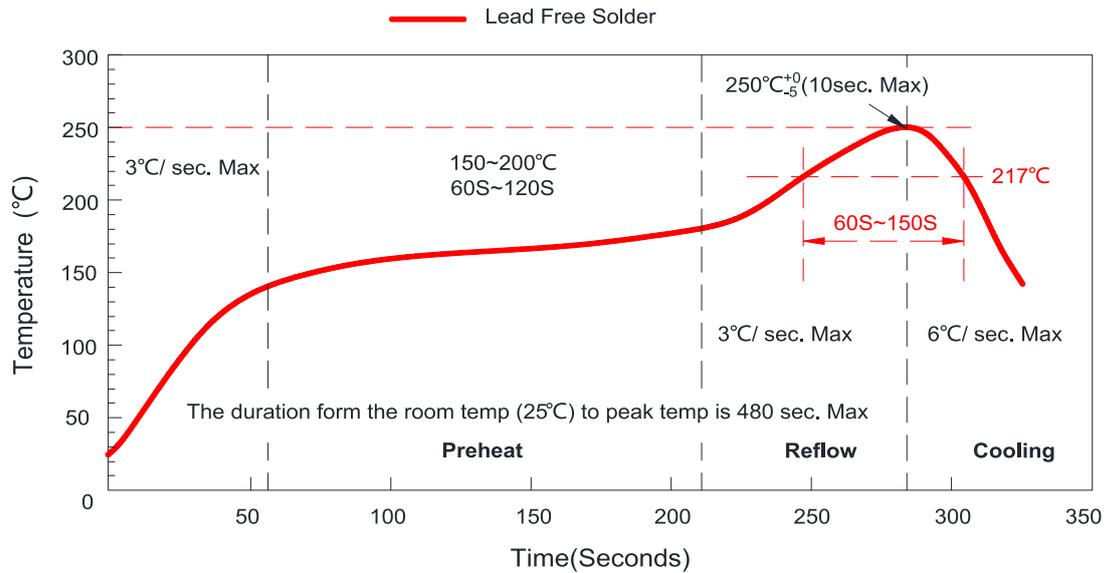
Items	Winding	Specifications	Test Conditions
Inductance	L(2-1)	65uH±7%	at 1kHz,0.1V
LK-Inductance	LK(2-1) Tie others	0.85uH MAX.	at 250kHz,0.1V
DCR	R(2-1)	105mΩ MAX.	at 25°C
	R(9,10-7,8)	5.5mΩ MAX.	
	R(3-4)	65mΩ MAX.	
	R(7-6)	45mΩ MAX.	
Turns Ratio	(2-1):(9,10-7,8):(3-4):(7-6)	18:3:7:3;±3%	at 1kHz,0.1V
Inter cap.	C(1,2-7,8,9,10)	70pF MAX.	at 100kHz,0.1V
Hi-Pot	Pri. To Sec.	1500VAC	5mA.3S
	Pin1 To Pin4	500VAC	5mA.3S
	Win. To Core	500VAC	5mA.3S

DESCRIPTION	PART NO.	REV:R0
EPD13	WHEPD13002	PAGE:3/5

Product Specification

7.Recommended Temperature Conditions of Air Reflow Soldering

Test Solderability Temperature Profile



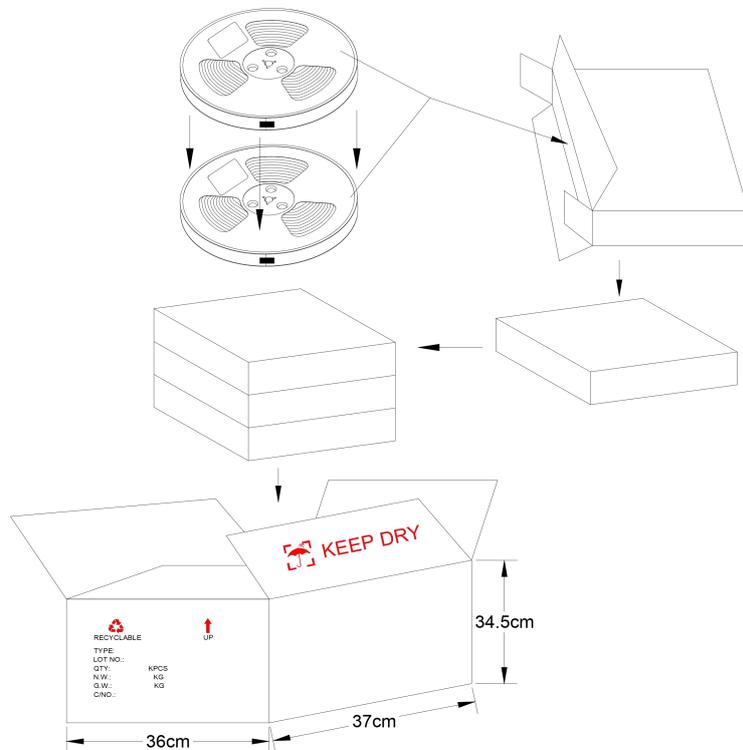
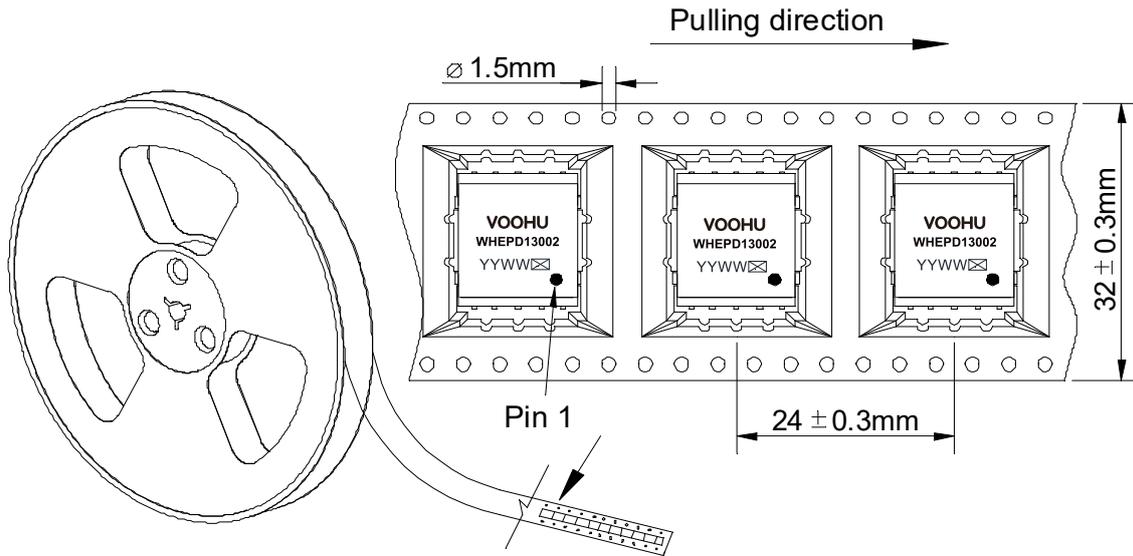
Profile Feature	Pb-Free Assembly
Average Ramp-Up Rate (T _{smax} to T _p)	3°C/Second Max.
Preheat	
-Temperature Min. (T _{smin})	150°C
-Temperature Max. (T _{smax})	200°C
-Time (T _{smin} to T _{smax})	60-120 Seconds
Time maintained above:	
-Temperature (T _L)	217°C
-Time (T _L)	60-150 Seconds
Peak/Classification Temperature (T _p)	250°C
Time within 5°C of actual PeakTemperature (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
EPD13	WHEPD13002	PAGE:4/5

Product Specification

8.Packing Request

- *Every roll of the carrier tape can contains 160pcs products.
- *Every small packing box contains 2 rolls of carrier tape. Total quantity: 320pcs.
- *Every carton box contains 3 small packing boxes. Total quantity: 960pcs.



DESCRIPTION	PART NO.	REV:R0
EPD13	WHEPD13002	PAGE:5/5