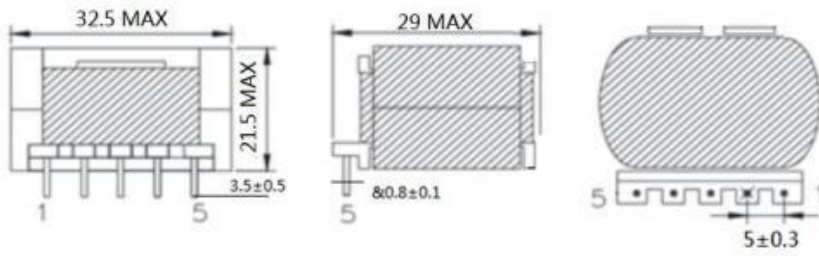
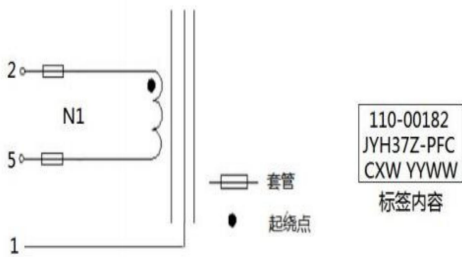


POT3019 Specification document

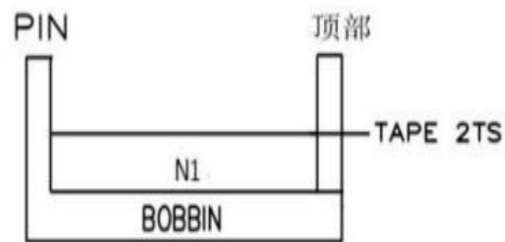
1. OUTLINE DIMENSION: (UNIT:mm)



2. SCHEMATIC:



3. CONSTRUCTION DIAGRAM:



4. Winding process

ITEM	S—F	WIRE/SIZE	TURNS	TAPE SIZE/TUR	NOTE
N1	2—5	2UEW Φ 0.10mm $\times$ 80P	37TS	11.5mm/2 TS	Encircling

5. Inductance value:

PIN2—5=100uH $\pm$ 5%

The above inductance values are based on the same Hitec TH-2812C instrument, with a frequency of 100KHz and a peak voltage of 1.0Vrms, or equivalent.

6. Leakage inductance value:

PIN2—5=uH MAX

The above leakage values are based on the same Hui TH-2812C instrument, with a frequency of 10KHz and a peak voltage of 1.0Vrms as the standard or equivalent.

7. Voltage withstanding test: Primary to core: 1.5KV/AC 5mA/3s Secondary to core: KV/AC 1mA/3s The testing instruments are based on the Taiyi Da LK-2672C instrument or an equivalent one.			
8. Other matters: a. The core material is PC95. b. The adhesive tape for fixing the core: 0.05*7mm wide yellow tape wound 2 times on the top of the PIN1-6 pins. c. The label is attached to the top of the PIN1-6 pins, with YYWW representing the year cycle.			
9. Material List			
ITEM	SIZE	TEMPARATURE	UL FILENO
BOBBIN	PM9820 PM9630	150℃	E41429
CORE	HT-P95		
Magnet wire	xUEW/155, QA-x/155	155℃	E348247
	xUEW/130, QA-x/130,	Min 130℃	E344055
	xUEW, QA-x/130, xUEW,	Min 130℃	E238500
	xUEW	Min. 130℃	E 173779
	UEW	Min. 130℃	E304220
TIW	TEX-E	130℃	E206440
	TIW-2, TIW-3	Min. 130℃	E 166483
Tube	TFS, TFT	200℃	E 156256
	CB-TT-S, CB-TT-T	200℃	E 180908
	2T-TFS-xx. x (a), 2T-TFT-	200℃	E 176865
Insulation tape	CT*(c) (g), PZ*(b)	130℃	E 165111
	1350-1 (b), 1350F-1 (b)	130℃	E 17385
VARNISH	468-2 (d), V1380, V1630	Min. 30oC	E75225
	WP-2952F-2G	Min. 30oC	E72979
	BC-346A, BC-346-A	Min. 30oC	E317427