ATECH TECHNOLOGY CO., LTD. DESIGN SHEET

00-35
DS-001

CUSTOMER	PART NUMBER	REV
ZYXEL	ATS-447	

BOBBIN: BB-EP13-01

CORE: CORE, EP13, N87M, (TDK/EPCOS) AL: 2444nH ± 3% (@1MHz, 2mVrms, 35mADC) AL = 170nH MIN.

GAP: ORIGINAL

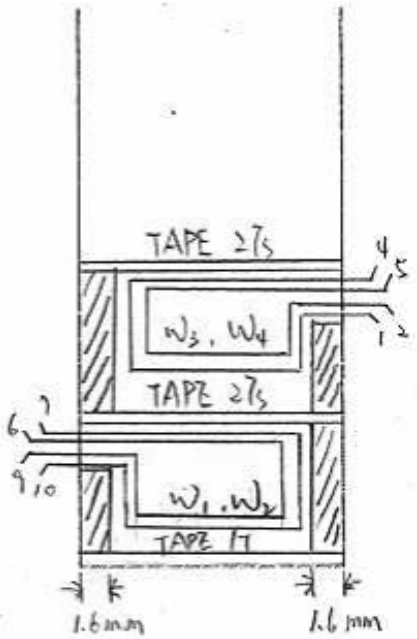
TAPE: 3M#SUPER10, 3M#56 PPI#70/100

ASSEMBLY: CORE組合時，有GAP的在PIN1側 CORE組後，先包 TAPE (3mm) 1T，貼上LABEL

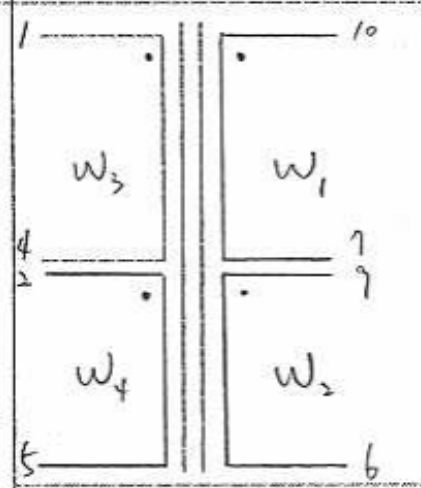
~~FRAME (CLIP)~~: 最後包1T，在CORE有BOBBIN圈處上四支GL-014固定 (PPI#70/100)

PIN#1 INDICATOR: 斜角 (黑支印在LABEL上)

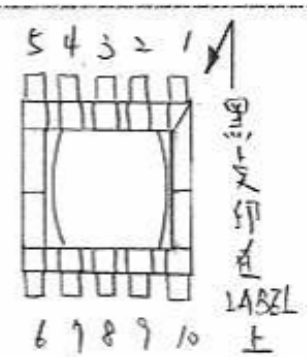
CONSTRUCTION



SCHEMATIC DRAWING



BOTTOM VIEW
PIN LOCATION



TAP WID mm	TAP LYR	WID	STR	END	CW/CCW	WIR SIZ	COA	TUR	CRE PAG	OEN LSN	SIDE WALL
双线		W1	10	7	順	0.17	2 UEW	21	1.6mm SUPER10	要	
3M#56 8mm	2	W2	9	6	順	0.17	2 UEW	21	3Ts 2層	要	
双线		W3	1	4	交	0.17	2 UEW	21	1.6mm SUPER10	要	
3M#56 8mm	2	W4	2	5	交	0.17	2 UEW	21	3Ts 2層	要	
		W5									
		W6									
		W7									

REMARKS

1. 繞W1, W3時 BOBBIN PIN1朝內
2. 繞W2, W4時 BOBBIN交插 PIN1朝外
3. W1 與 W3 須用軸分線
4. W3 與 W4 須用軸分線
5. 繞幾須平整
6. CORE須先校正再支撐固定

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REMARK 7: 包CORE的結束前利用#1155AB膠固定，否則過IR會翹開.

REMARK 8: 繞幾前須先貼3M#56 8mm TAPE 1T，重疊部分須超過2.5mm