

HR041186

Electrical Specification @25°C

RoHS Compliant (Pb Free)

Isolation: 1500VDC 0.5mA 60S (Pri. & Aux. to Sec.)

Isolation: 500VDC 0.5mA 60S (Windings to Windings, Windings to Core)

Pin2-1 Inductance: 6.8 uH $\pm 10\%$ @100KHz 1Vrms

Pin2-1 Leakage Inductance: 0.5 uH Max. @100KHz 1Vrms (Shorted Other Windings)

Pin2-1 DC Resistance: 55 mohms TYP.

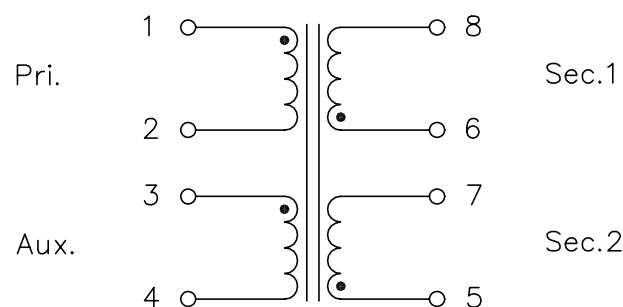
Pin4-3 DC Resistance: 341 mohms TYP.

Pin7-5 DC Resistance: 25 mohms TYP.

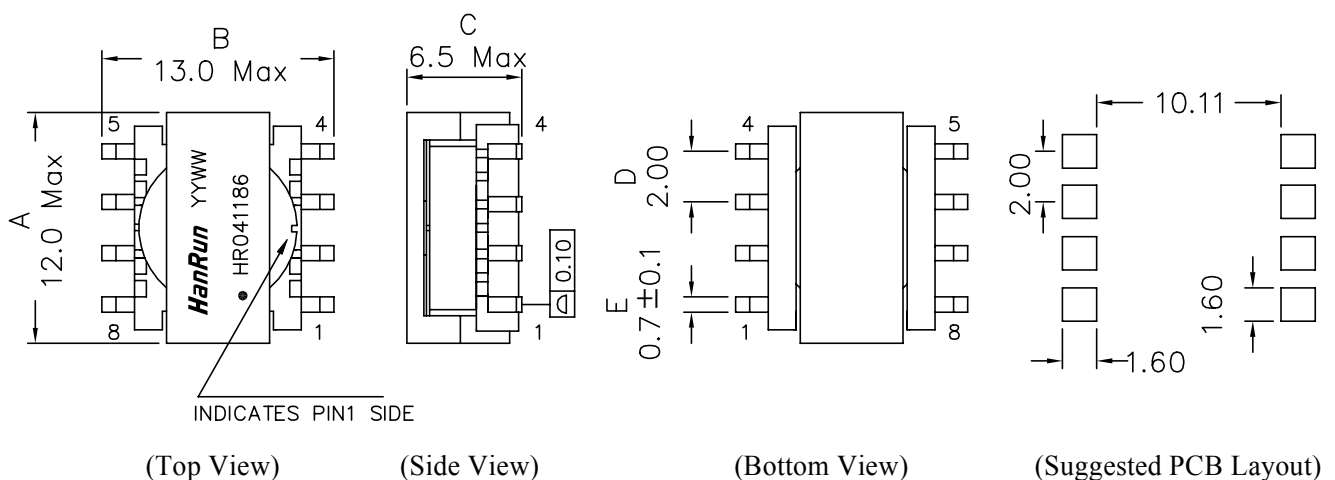
Pin8-6 DC Resistance: 39 mohms TYP.

Turns Ratio: P2-1 : P4-3 : P7-5 : P8-6 = 9 : 9 : 4 : 4 @100KHz, 0.1Vrms

Schematics



Mechanical Dimensions



Unless otherwise specified,
 Tol.: .xx $\pm$ 0.25 (mm)

REV.: 00

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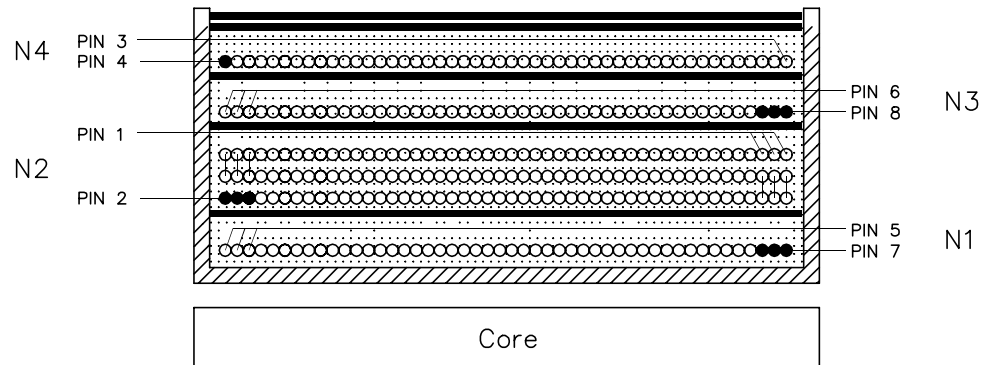
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MATERIAL LIST

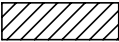
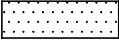
NO.	ITEM	MATERIAL GENERIC NAME	TRADE NAME	MANUFACTURES OF MATERIAL	TEMP CLASS	UL NO.
1.	CORE	FERRITE CORE	PS40	SHENZHEN MAXMAGTHCH Co. , LTD		
		or EQUIVALENT				
2.	BOBBIN	PHENOLIC	PM9630	SUMITOMO BAKELITE Co.,LTD	94V-0	E41429
		or EQUIVALENT				
3.	WIRE	POLYURETHANE	1UEW	ZHUHAI SUNTEK WIRE Co. LTD.	180℃	E234867
				ELEKTRISOLA HANGZHOU Co . LTD .	180℃	E258243
		or EQUIVALENT				
4.	TAPE	POLYIMIDE FILM TAPE	PIA220	3M Taiwan Ltd	220℃	E305006
		POLYIMIDE FILM TAPE	1218	3M COMPANY	180℃	E17385
		or EQUIVALENT				
5.	EPOXY	EPOXY	G500	GUDAK CHEMISTRY TECH (DONGGUAN) LTD	94V-0	
		or EQUIVALENT				
6.	VARNISH	VARNISH	BC-346A	JOHN C DOLPH CO	180℃	E317427
7.	SOLDER	STANNUM BAR	Sn96.5Ag3Cu0.5	ANSON SOLDER &TIN PRODUCTS MADE LTD		
		or EQUIVALENT				

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Transformer Construction and Winding



NOTE:

-  BOBBIN
 VARNISH
 INSULATION TAPE 2.0mm

Figure

No.	COIL	TERMINAL	WIRE	TURNS	TAPE	Direction
1	N1	7 -- 5	ø0.18mm*3P 1UEW-H	4T	1T	针脚朝内
2	N2	2 -- 1	ø0.18mm*3P 1UEW-H	9T	1T	针脚朝内
3	N3	8 -- 6	ø0.18mm*3P 1UEW-H	4T	1T	针脚朝内
4	N4	4 -- 3	ø0.13mm*1P 1UEW-H	9T	2T	针脚朝内