

HR041185

Electrical Specification @25°C

RoHS Compliant (Pb Free)

Isolation: 1500VDC 1mA 60S (Pri. & Aux. to Sec.)

Isolation: 500VDC 1mA 60S (Windings to Windings, Windings to Core)

Pin2-1 Inductance: 42.0 uH $\pm 10\%$ @100KHz 0.1Vrms

Pin2-1 Leakage Inductance: 1.0 uH Max. @100KHz 0.1Vrms (Shorted Other Windings)

Pin2-1 DC Resistance: 210.0 mohms Max.

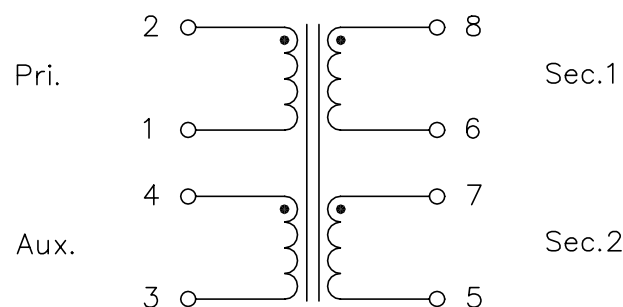
Pin4-3 DC Resistance: 480.0 mohms Max.

Pin7-5 DC Resistance: 480.0 mohms Max.

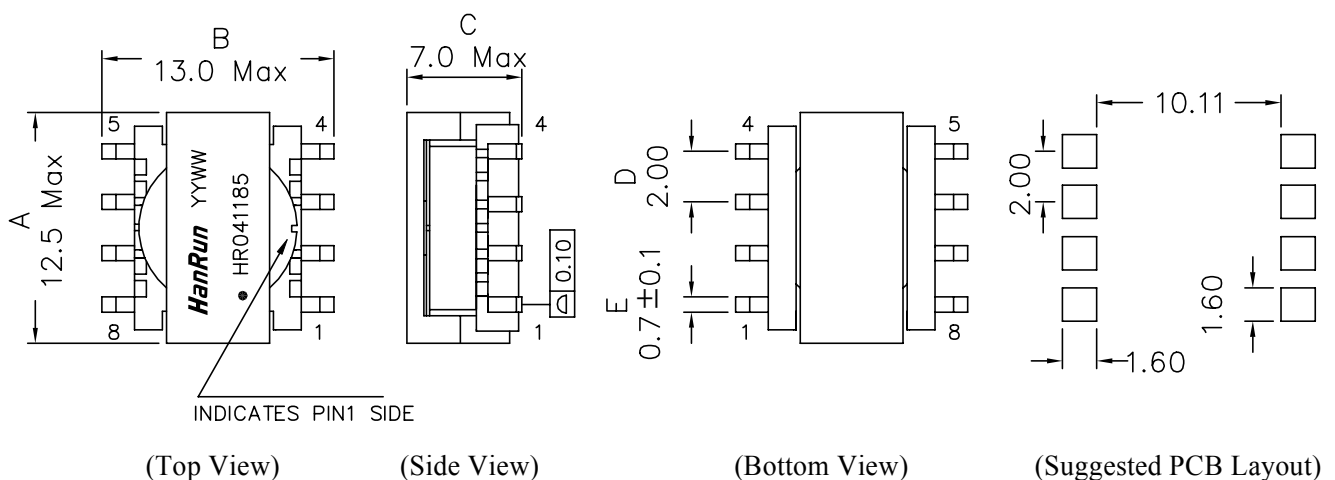
Pin8-6 DC Resistance: 640.0 mohms Max.

Turns Ratio: P2-1 : P4-3 : P7-5 : P8-6 = 16 : 9 : 20 : 20 @100KHz, 0.1Vrms

Schematics



Mechanical Dimensions



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

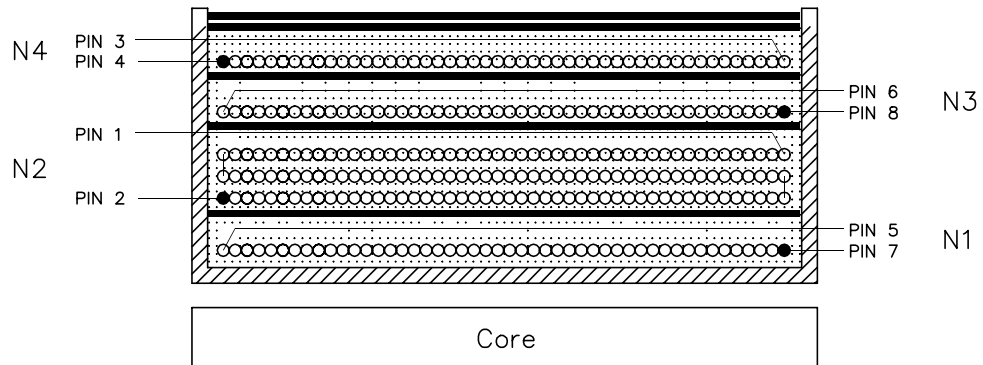
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MATERIAL LIST

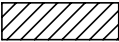
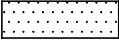
NO.	ITEM	MATERIAL GENERIC NAME	TRADE NAME	MANUFACTURES OF MATERIAL	TEMP CLASS	UL NO.
1.	CORE	FERRITE CORE	PS40	SHENZHEN MAXMAGTHCH CO., LTD		
		Or EQUIVALENT				
2.	BOBBIN	PHENOLIC	PM9630	SUMITOMO BAKELITE CO.,LTD	94V-0	E41429
		Or EQUIVALENT				
3.	WIRE	POLYURETHANE	*UEWH	HUIZHOU CITY DENGGAODA ELECTROTECH CO LTD	180℃	E253843
		Or EQUIVALENT				
4.	TAPE	POLYIMIDE INSULATING TAPE	1218	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	180℃	E17385
		POLYIMIDE INSULATING TAPE	5413	3M JAPAN LIMITED INDUSTRIAL MARKET	180℃	E230409
		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	ø0.15mm*1P 1UEW-H	20T	1T	针脚朝内
2	N2	2 -- 1	ø0.22mm*1P 1UEW-H	16T	1T	针脚朝内
3	N3	8 -- 6	ø0.15mm*1P 1UEW-H	20T	1T	针脚朝内
4	N4	4 -- 3	ø0.13mm*1P 1UEW-H	9T	2T	针脚朝内