

HR045402

Electrical Specification @25°C

RoHS Compliant (Pb Free)

Isolation: 4000Vrms 1mA 60Sec (Pri. to Sec.)

Isolation: 1500Vrms 1mA 60Sec (Windings to Core)

Pin3,4,5-7,8,9 Inductance: 1.19 mH Min. @100KHz 0.1Vrms (Tie 3+4+5, 7+8+9)

Pin3,4,5-7,8,9 Leakage Inductance: 6.0 uH Max. @100KHz 0.1Vrms
 (Tie 3+4+5, 7+8+9; Shorted Other Windings)

Pin3,4,5-7,8,9 DC Resistance: 18.0 mohms Max. (Tie 3+4+5, 7+8+9)

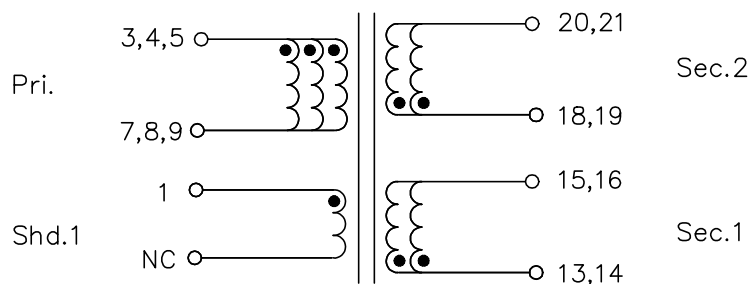
Pin13,14-15,16 DC Resistance: 22.0 mohms Max. (Tie 13+14, 15+16)

Pin18,19-20,21 DC Resistance: 26.0 mohms Max. (Tie 18+19, 20+21)

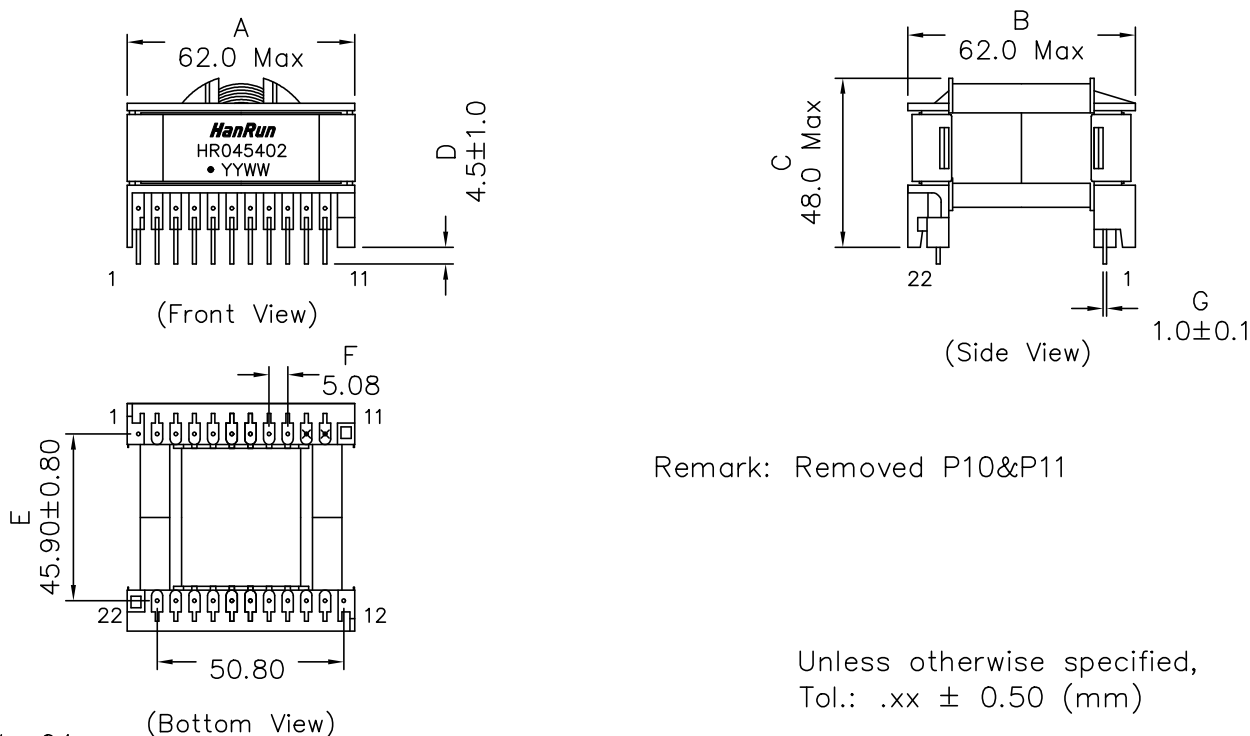
Turns Ratio: @100KHz 0.1Vrms (Tie 3+4+5, 7+8+9, 13+14, 15+16, 18+19, 20+21)

P3,4,5-7,8,9 : P13,14-15,16 : P18,19-20,21 = 18 : 12 : 13

Schematics



Mechanical Dimensions



Remark: Removed P10&P11

Unless otherwise specified,
 Tol.: .xx ± 0.50 (mm)

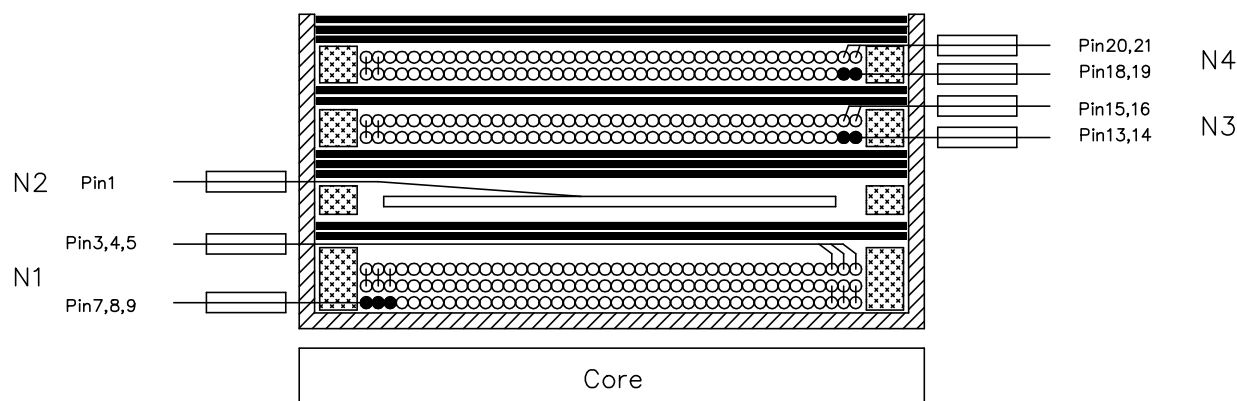
HR045402

MATERIAL LIST

NO.	ITEM	MATERIAL GENERIC NAME	TRADE NAME	MANUFACTURES OF MATERIAL	TEMP CLASS	UL NO.
1.	CORE	FERRITE CORE	SSP-4	SUNSHINE ELECTRONIC TECHNOLOGY CO., LTD		
		Or EQUIVALENT				
2.	BOBBIN	PET	FR530	DPONT	94V-0	E41938
		Or EQUIVALENT				
3.	WIRE & CUPPER FOIL	POLYURETHANE	UEW	ZHUHAI SUNTEK WIRE CO., LTD	155℃	E234867
		COPPER FOIL	C1100	SHEN ZHEN ZIGAO METAL MATERIALS CO., LTD		
		Or EQUIVALENT				
4.	TUBE	PTFE	WF	SHENZHEN WOER HEAT SHRINKABLE MATERIAL CO LTD.	200℃	E203950
		Or EQUIVALENT				
5.	TAPE	POLYESTER FILM INSULATING TAPE	1350F-1	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	130℃	E17385
		POLYESTER FILM INSULATING TAPE	WF-2902	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD	130℃	E165111
		Or EQUIVALENT				
6.	EPOXY	EPOXY RESIN	HG128A	FOSHAN CITY SHUNDE HAI YUE ELECTRONIC MATERIAL CO LTD	94V-0	E180335
		Or EQUIVALENT				
7.	VARNISH	VARNISH	BC-359	JOHN C DOLPH CO	155℃	E317427
		Or EQUIVALENT				
8.	SOLDER	STANNUM BAR	Sn99.5Cu0.5	ANSON SOLDER & TIN PRODUCTS MADE LDT		
		Or EQUIVALENT				

HR045402

Transformer Construction and Winding



Figure

No	COIL	TERMINAL	WIRE	TURNS	Margin	TAPE	Direction
1	N1	7,8,9 -- 3,4,5	∅0.10*100P*3 2UEW	18T	3.0mm*2P	2T	Pin1—11 朝外
2	N2	1 -- NC	Shield 30*0.05mm	0.9T	3.0mm*2P	3T	Pin1—11 朝外
3	N3	13,14 -- 15,16	∅0.10*100P*2 2UEW	12T	3.0mm*2P	2T	Pin1—11 朝内
4	N4	18,19 -- 20,21	∅0.10*100P*2 2UEW	13T	3.0mm*2P	3T	Pin1—11 朝内