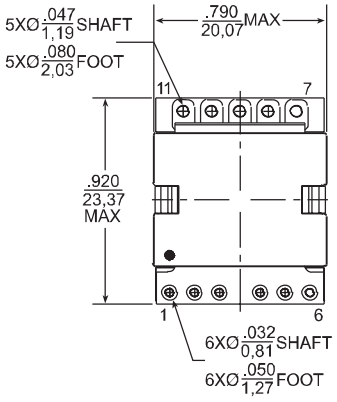
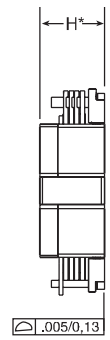
■变压器功率：最大到140W；
■变压器高度：8.6mm max 或者9.7mmmax;
■封装尺寸：23.4mm*20.1mm;
■频率范围：200kHz-400kHz
■应　　用：铝基板DC-DC电源模块产品。

Part[4,5] Number	Power[1] Rating	Turns Ratio (Pri:Sec)	Primary[2] Secondary Isolation	Primary Inductance (µH MIN)	Leakage Inductance* (µH MAX)	DCR (mΩ MAX)			Maximum Height (mm)
						Primary	Primary Aux.	Secondary	
DN0168	100W 48v to 3.3v/30A	12:2	1500 Vdc Basic	320	0.75	45	N/A	1.30	8.6
DN0369	100W 48v to 3.3v/30A	6:1	1500 Vdc Basic	65	0.25	15	N/A	0.40	8.6
DN0423	140W 48v to 12v/11.7A	8:4 (w/4T Pri. Aux.)	1500 Vdc Basic	140	0.30	35	500	7.00	8.6
DN0463	50W 48v to 3.3v/15A	10:2 (w/9T Pri. Aux.)	1500 Vdc Basic	200	1.00	40	4885	2.50	8.6
DN0491	100W 48v to 5.0v/20A	8:2	1500 Vdc Basic	140	0.25	35	N/A	1.30	8.6
DN0634	100W 48v to 5v/20A	8:2 (w/5T Pri. Aux.)	1500 Vdc Basic	140	0.38	35	460	1.30	8.6
DN0693	125W 48v to 5v/25A	12:3 (w/4T Pri. Aux.)	1500 Vdc Basic	346	0.55	50	300	3.50	9.7

*Leakage inductance is measured at primary terminals with all other windings shorted.

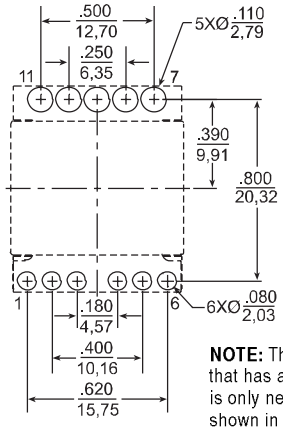
Mechanicals





*H - Maximum Height (see table above)

SUGGESTED PAD LAYOUT

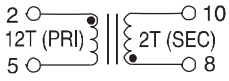


Weight .....11.0 grams
Tape & Reel.....180/reel
Tray.....40/tray

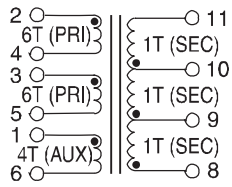
Dimensions: Inches / mm
Unless otherwise specified, all tolerances are ± .010/0,25

NOTE: The above is a universal footprint for a component that has all 11 pins populated. For a given part number it is only necessary to provide pads for the terminations shown in the schematic below.

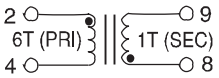
DN0168



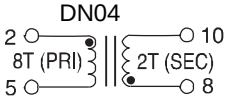
DN0690



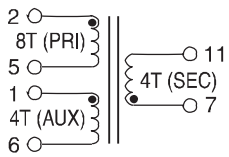
DN0369



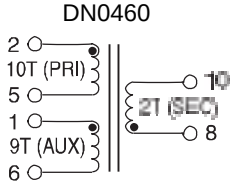
DN04



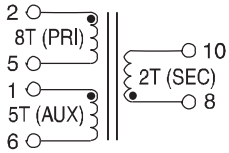
DN0420



DN0460



DN0634



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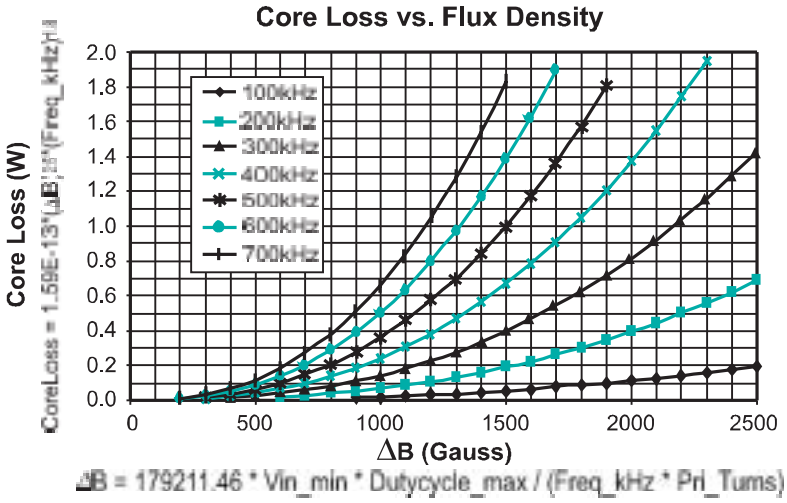
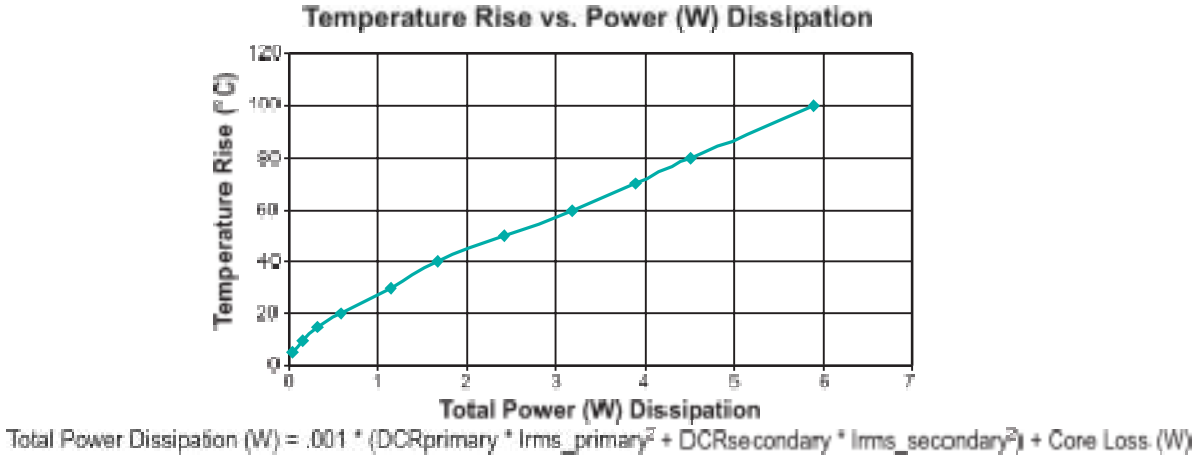
■变压器高度：8.6mm max 或者9.7mmmax;
■封装尺寸：23.4mm*20.1mm;
■频率范围：200kHz-400kHz
■应　　用：铝基板DC-DC电源模块产品。

说明：
输入电压可以通过改变初级绕组匝数调整，其他封装结构不便，如初级调整成24V、28V等；绕组间的介质耐压为通用值，可以根据客户需要进行调整。
下面图a是平面变压器磁心的损耗特性，图b为变压器损耗和温升的关系曲线供电源工程师热



图a



图b

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