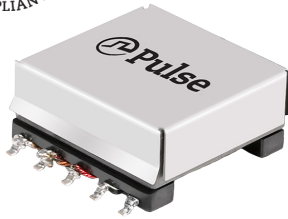


High Frequency Wire Wound Transformers

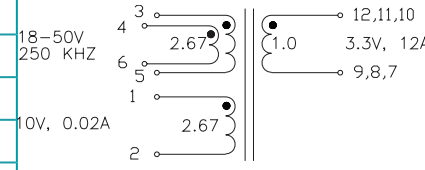
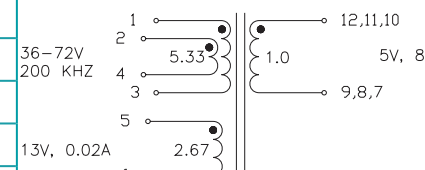
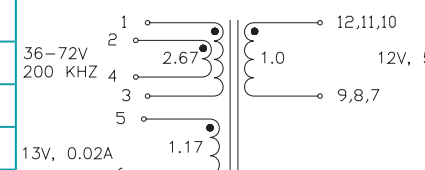
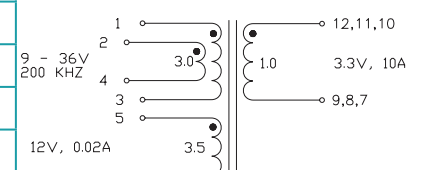
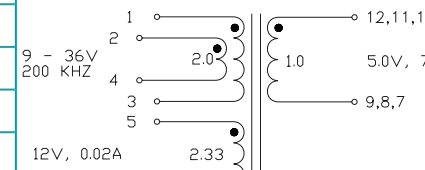


- Power Range:** up to 95W
- Height:** 11.4mm Max
- Footprint:** 29.2mm x 21.8mm Max
- Topology:** Forward and Flyback

Electrical Specifications @ 25°C - Operating Temperature -40°C to +125°C				
PA0273NL	Pri. Inductance	(1, 2-3, 4)	307µH ±25%	<p>FORWARD TRANSFORMER</p>
	Lk. Inductance	(1, 2-3, 4) with (5, 6, 9, 10) shorted	0.35µH MAX	
	DCR	(1, 2-3, 4)	65mΩ MAX	
		(7, 8, 9-10, 11, 12)	27mΩ MAX	
		(5-6)	240mΩ MAX	
	Hi-Pot	Pri-Sec	1500Vrms	
K1 Factor	20.2			
PA0751NL	Pri. Inductance	(1, 2-3, 4)	110µH ±10%	<p>FLYBACK TRANSFORMER</p>
	Lk. Inductance	(1, 2-3, 4) with (12, 11, 10, 9, 8, 7) shorted	2µH MAX	
	DCR	(4-5)	85mΩ MAX	
		(12, 11, 10-9, 8, 7)	12mΩ MAX	
		(1-3)	300mΩ MAX	
	Hi-Pot	Pri-Sec	1500Vrms	
K1 Factor	1364.8			
PA0769NL	Pri. Inductance	(1, 2-5, 4)	89.2µH ±18%	<p>FORWARD TRANSFORMER</p>
	Lk. Inductance	(1, 2-3, 4) with (12, 11, 10, 9, 8, 7) shorted	1.5µH MAX	
	DCR	(1, 2-3,4)	50mΩ MAX	
		(12-11)	3.8mΩ MAX	
		(10-9)=(8-7)	35mΩ MAX	
		(5-6)	110mΩ MAX	
	Hi-Pot	Pri-Sec	1500Vdc	
K1 Factor	21.5			

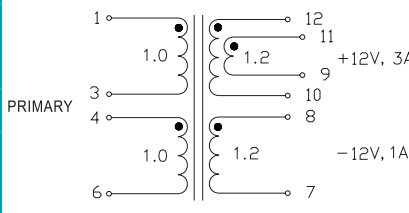
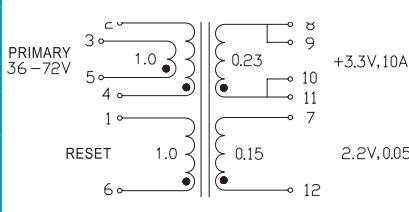
Electrical Specifications @ 25°C - Operating Temperature -40°C to +125°C					
PA1066NL	Pri. Inductance	(3-4)	137µH ±32%	<p>FORWARD TRANSFORMER</p>	
	Lk. Inductance	(3-4) with (11, 10, 9, 8) shorted	1.0µH MAX		
	DCR		(3-4)		35mΩ MAX
			(1-2)		199mΩ MAX
			(5-6)		100mΩ MAX
			(11-10)=(9-8)		17mΩ MAX
	Hi-Pot	Pri-Sec	500Vrms		
KI Factor		29.3			
PA1366NL	Pri. Inductance	(2, 3-4, 5)	10µH ±10%	<p>FLYBACK TRANSFORMER</p>	
	Lk. Inductance	(2, 3-4, 5) with (11, 8) shorted	0.3µH MAX		
	DCR		(2, 3-4, 5)		15.75mΩ MAX
			(11-8)		560mΩ MAX
	Hi-Pot	Pri-Sec	1500Vrms		
KI Factor		322.6			
PA1477NL	Pri. Inductance	(1, 2-3, 4)	38.3µH ±7%	<p>FLYBACK TRANSFORMER</p>	
	Lk. Inductance	(1, 2-3, 4) with (12, 11, 10, 9, 8, 7) shorted	1.0µH MAX		
	DCR		(1-3)		72mΩ MAX
			(2-4)		85mΩ MAX
			(12, 11, 10-9, 8, 7)		2.5mΩ MAX
			(5-6)		230mΩ MAX
Hi-Pot	Pri-Sec	1800Vrms			
KI Factor		772.2			
PA1558NL	Pri. Inductance	(1, 2-3, 4)	11.5µH ±10%	<p>FLYBACK TRANSFORMER</p>	
	Lk. Inductance	(1, 2-3, 4) with (12, 11, 10, 9, 8, 7) shorted	0.5µH MAX		
	DCR		(1, 2-3, 4)		28mΩ MAX
			(8-7)		12mΩ MAX
			(12-11)		5mΩ MAX
			(10-9)		62mΩ MAX
			(5-6)		190mΩ MAX
	Hi-Pot	Pri-Sec	1500Vrms		
KI Factor		463.7			

Electrical Specifications @ 25°C - Operating Temperature -40°C to +125°C

Model	Parameter	Value	Notes
PA1692NL	Pri. Inductance	(3, 4-5, 6)	73μH ±30%
	Lk. Inductance	(3, 4-5, 6) with (12, 11, 10, 9, 8, 7) shorted	1.0μH MAX
	DCR	(3, 4-5, 6)	10.2mΩ MAX
		(12, 11, 10-9, 8, 7)	5mΩ MAX
		(1-2)	115mΩ MAX
	Hi-Pot	Pri-Sec	1500Vdc
KI Factor	40.3		
			 <p>FLYBACK TRANSFORMER</p>
PA1735NL	Pri. Inductance	(1, 2-3, 4)	28.5μH ±5%
	Lk. Inductance	(1, 2-3, 4) with (12, 11, 10, 9, 8, 7) shorted	1μH MAX
	DCR	(1, 2-3, 4)	39.0mΩ MAX
		(12, 11, 10-9, 8, 7)	3.5mΩ MAX
		(5-6)	230mΩ MAX
	Hi-Pot	Pri-Sec	1800Vrms
KI Factor	574.6		
			 <p>FLYBACK TRANSFORMER</p>
PA1736NL	Pri. Inductance	(1, 2-3, 4)	20.5μH ±5%
	Lk. Inductance	(1, 2-3, 4) with (12, 11, 10, 9, 8, 7) shorted	1μH MAX
	DCR	(1, 2-3, 4)	39.0mΩ MAX
		(12, 11, 10-9, 8, 7)	8.5mΩ MAX
		(5-6)	230mΩ MAX
	Hi-Pot	Pri-Sec	1500Vrms
KI Factor	413.3		
			 <p>FLYBACK TRANSFORMER</p>
PA1835NL	Pri. Inductance	(1, 2-3, 4)	4.5μH ±5%
	Lk. Inductance	(1, 2-3, 4) with (12, 11, 10, 9, 8, 7) shorted	0.25μH MAX
	DCR	(1, 2-3, 4)	9.5mΩ MAX
		(12, 11, 10-9, 8, 7)	3mΩ MAX
		(5-6)	130mΩ MAX
	Hi-Pot	Pri-Sec	1800Vrms
KI Factor	241.9		
			 <p>FLYBACK TRANSFORMER</p>
PA1836NL	Pri. Inductance	(1, 2-3, 4)	4.5μH ±5%
	Lk. Inductance	(1, 2-3, 4) with (12, 11, 10, 9, 8, 7) shorted	0.2μH MAX
	DCR	(1, 2, 3, 4)	9.5mΩ MAX
		(12, 11, 10-9, 8, 7)	5mΩ MAX
		(5-6)	130mΩ MAX
	Hi-Pot	Pri-Sec	1800Vrms
KI Factor	241.9		
			 <p>FLYBACK TRANSFORMER</p>

Electrical Specifications @ 25°C - Operating Temperature -40°C to +125°C				
PA1837NL	Pri. Inductance	(1, 2-3, 4)	4.5μH ±5%	<p>FLYBACK TRANSFORMER</p>
	Lk. Inductance	(1, 2-3, 4) with (12, 11, 10, 9, 8, 7) shorted	0.2μH MAX	
	DCR	(1, 2, 3, 4)	9.5mΩ MAX	
		(12, 11, 10-9, 8, 7)	23mΩ MAX	
		(5-6)	130mΩ MAX	
	Hi-Pot	Pri-Sec	1800Vdc	
	KI Factor	241.9		
PA2047NL	Pri. Inductance	(1-3)	7.2μH ±5%	<p>FLYBACK TRANSFORMER</p>
	Lk. Inductance	(1-3) with (11, 10-9, 7) shorted	0.3μH MAX	
	DCR	(1-3)	52mΩ MAX	
		(11, 10-9, 7)	12mΩ MAX	
		(5-6)	240mΩ MAX	
	Hi-Pot	Pri-Sec	1500Vrms	
KI Factor	290.3			
PA2053NL	Pri. Inductance	(1, 2-5, 6)	292.0μH ±32%	<p>FLYBACK TRANSFORMER</p>
	Lk. Inductance	(1, 2-5, 6) with (12, 11, 10, 9, 8, 7) shorted	1.3μH MAX	
	DCR	(1, 2-5, 6)	78.0mΩ MAX	
		(7, 8-9, 10)	12mΩ MAX	
		(11-12)	43mΩ MAX	
	Hi-Pot	Pri-Sec	1500Vrms	
KI Factor	20.2			
PA2291NL	Pri. Inductance	(1-4)	57.6μH ±12%	<p>FLYBACK TRANSFORMER</p>
	Lk. Inductance	(1-4) with (all windings) shorted	0.5μH MAX	
	DCR	(1-4)	65mΩ MAX	
		(3-2)	155mΩ MAX	
		(6-5)	145mΩ MAX	
		(7, 8-9, 10)	4mΩ MAX	
		(11-12)	55mΩ MAX	
	Hi-Pot	Pri-Sec	1500Vdc	
KI Factor	26.9			
PA2398NL	Pri. Inductance	(1,2-3,4)	100μH ±12%	<p>FORWARD TRANSFORMER</p>
	Lk. Inductance	(1, 2-3, 4) with (5, 6, 9, 10) shorted	0.45μH MAX	
	DCR	(1, 2-3, 4)	72mΩ MAX	
		(7, 8, 9-10, 11, 12)	15mΩ MAX	
		(5-6)	680mΩ MAX	
	Hi-Pot	Pri-Sec	1500Vrms	
	16.1			

Electrical Specifications @ 25°C - Operating Temperature -40°C to +125°C

Electrical Specifications @ 25°C - Operating Temperature -40°C to +125°C					
PB2041NL	Pri. Inductance	(1-6) with (3-4) shorted	491μH ±35%	 <p>FORWARD TRANSFORMER</p>	
	Lk. Inductance	(1-6) with (all windings) shorted	1μH MAX		
	DCR		(1-3)		36.1mΩ MAX
			(4-6)		45.6mΩ MAX
			(8-7)		86.4mΩ MAX
			(11-9)		86.4mΩ MAX
			(12-10)		47.8mΩ MAX
	Hi-Pot	Pri-Sec	1500Vrms		
KI Factor		16.1			
PB2089NL	Pri. Inductance	(5, 4-3, 2)	112.0μH MAX	 <p>FORWARD TRANSFORMER</p>	
	Lk. Inductance	(5, 4-3, 2) with (all windings) shorted	1μH MAX		
	DCR		(5-3)		55mΩ MAX
			(4-2)		67.7mΩ MAX
			(10, 11-8, 9)		5.5mΩ MAX
			(12-7)		123mΩ MAX
			(6-1)		923mΩ MAX
	Hi-Pot	Pri-Sec	1500Vdc		
KI Factor		24.8			

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