High Frequency Planar Transformer

PA003X Series (up to 30W)



- ***Power Rating:*** *up to 30W*
- ***Height:*** *7.4mm max*
- ***Footprint:*** *19.6mm x 18.0mm Max*
- ***Frequency Range:*** *200kHz to 750kHz*

Electrical Specifications @ 25°C – Operating Temperature -40°C to +125°C									
Part Number	**Power Rating**	**Turns Ratio** (Pri:Sec)	**Primary Secondary Isolation**	**Primary Inductance** (µH MIN)	**Leakage Inductance** (µH MAX)	**DCR** (mΩ MAX)			**Maximum Height** (mm)
						Primary	**Primary Aux.**	**Secondary**	
PA0030NL	30W 24v to 3.3v/8A	6:2	1500 V_{DC} Operational	52	0.85	43	N/A	2.7	7.4
PA0031NL	30W 48v to 3.3v/8A	12:2	1500 V_{DC} Operational	200	1.7	210	N/A	3.5	7.4
PA0032NL[2]	30W 24v to 5.0v/6A	6:3	1500 V_{DC} Operational	52	0.27	43	N/A	10*	7.4
PA0033NL[2]	30W 48v to 5.0v/6A	12:3	1500 V_{DC} Operational	200	0.925	210	N/A	10*	7.4
PA0034NL	30W 24v to 12v/2.5A	6:6	1500 V_{DC} Operational	52	0.27	43	N/A	43	7.4
PA0035NL	30W 48v to 12.0v/2.5A	12:8	1500 V_{DC} Operational	200	0.98	210	N/A	75	7.4
PA0036NL	30W 24v to 3.3v/8A	6:8	1500 V_{DC} Operational	52	0.195	43	N/A	75	7.4
PA0037NL	30W 48v to 15v/2.0A	12:8	1500 V_{DC} Operational	200	0.98	210	N/A	75	7.4

*DCR rating for indicated parts is for both windings tied in parallel.

Notes:

1. Other turns ratios may be available. Contact Pulse Applications Engineering for more information.
2. The secondary windings on **PA0032NL** and **PA0033NL** can be connected in series for a 6T secondary if required.
3. Optional Tape & Reel packaging can be ordered by adding a "**T**" suffix to the part number, (i.e. PA0037NL**T**).

** Contact Pulse for availability

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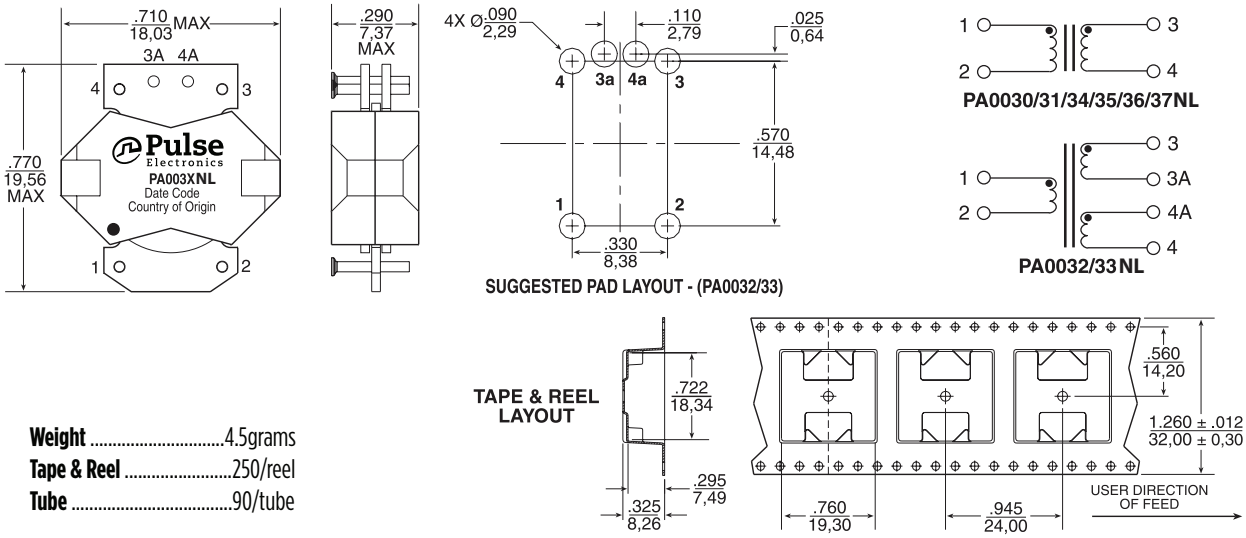
High Frequency Planar Transformers

PA003X Series (up to 30W)

Mechanical

Schematic

PA003XNL



Weight 4.5grams
Tape & Reel 250/reel
Tube 90/tube

Dimensions: Inches / mm

Unless otherwise specified, all tolerances are ± .010 / 0,25

For More Information

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