High Isolation Power Transformer

Shaped Core Platform SMD





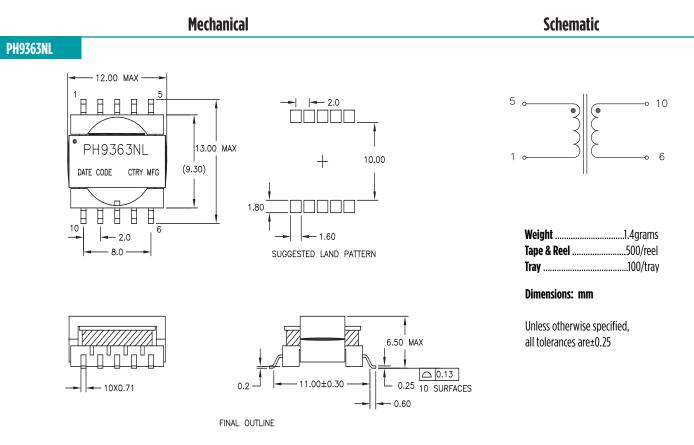


- Ø Flyback Converter Transformer
- Designed for Broadcom ACPL-32JT and ACPL-302J IGBT Gate Driver
- Compact and cost effective industrial design
- @ PH9363NL: Basic insulation, 2.8mm creepage
- PH9496NL: Basic insulation, 6.2mm creepage
- PH0416NL: Reinforced insulation, 8.3mm creepage PM2277NLT: Basic Insulation, 6.2mm creepage; 10G vibration

Electrical Specifications @ 25°C – Operating Temperature –40°C to +125°C								
Commercial	Automotive	Inductance (Pri)	Primary Current	Inductance (Sec)	DCR (Sec)	Leakage Inductance (Pri)	Turns	Isolated Voltage
		(µH ±10%)	(A MAX)	(µH ±10%)	(ΩMAX)	(µH Max)	Ratio	(Vrms)
PH9363NL	n/a	60	1.0	240	0.60	3.0	1:2	2500 / 1 minute
PH9496NL	PM2277NLT	52	1.7	332	0.22	1.2	1:2.53	2500 / 1 minute
PH0416NL	n/a	43	1.0	172	1.2	2	1:2	5000 / 1 minute

Notes:

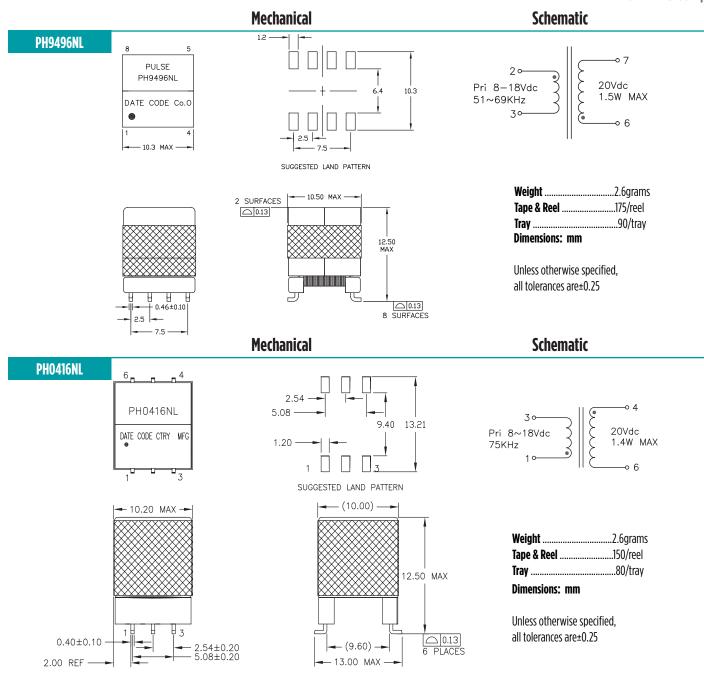
- 1. These transformers are approved by Broadcom to deliver a isolated 18V IBGT drive voltage from a 8V-18V source.
- 2. Optional Tape & Reel packing can be ordered by adding a "**T**" suffix to the part number.
- Other turns ratios and isolation levels available on request.
- 4. The rated primary current is based on a peak flux density of 220mT.
- 5. PM2277 is automotive grade



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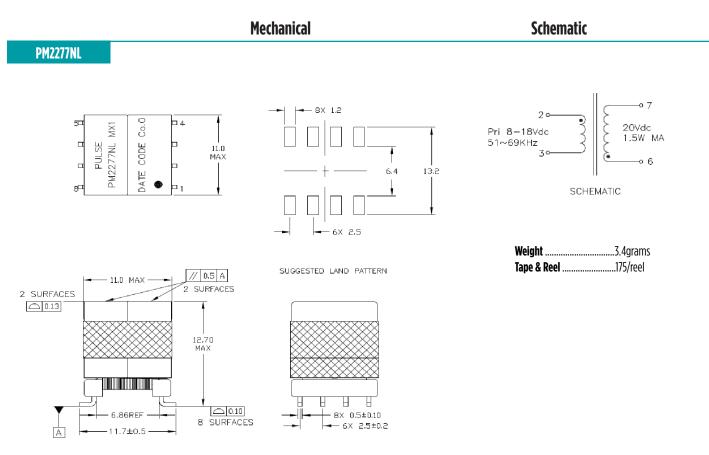
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For More Information

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