

Switch Mode Transformers

Toroid Platform SMD



- Push Pull Converter Transformer
- Compatible with MAXIM™ MAX253 to isolate RS-485/RS232 and other industrial bus transceivers
- Compact and cost effective industrial design

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

Part Number ^{2,3}	Inductance (1-3) (mH ±35%)	DCR (1-3) (Ω MAX)	MAX (1-3) ¹ (V-μsec)	Turns Ratio	Isolated Voltage (Vrms)
PFX0890NL	1.02	0.60	18.4	3:4	2000

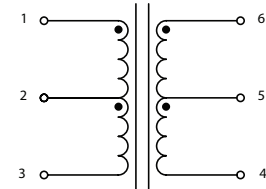
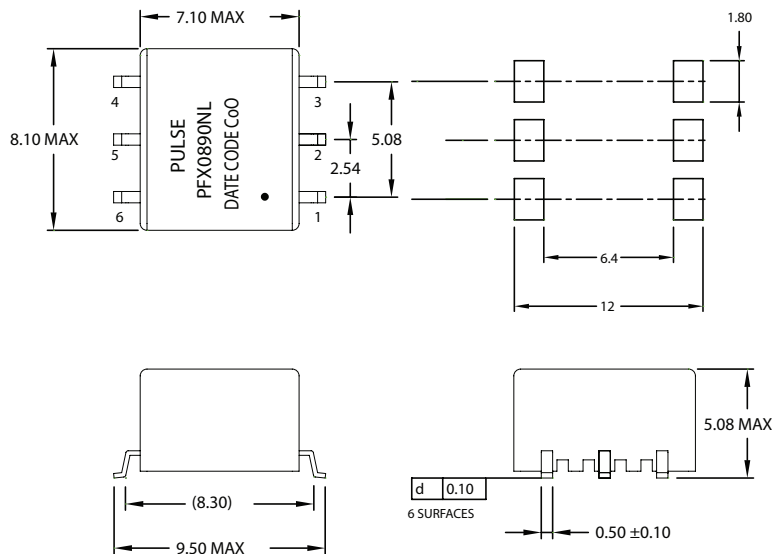
Notes:

- The maximum volt-usec rating limits the peak flux density to 3600 gauss when used in bi-polar drive application with 200KHz. For unipolar drive applications or a bi-polar drive with 350KHz, a maximum volt-usec could be 60% of the listed value.
- Optional Tape & Reel packing can be ordered by adding a "T" suffix to the part number. Pulse complies to industry standard tape and reel specification EIA481.
- Other turns ratios available on request.

Mechanical

Schematic

PFX0890NL



Weight0.365grams
Tape & Reel700/reel
Tray55/tray

Dimensions: $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified,
all tolerances are $\pm \frac{.010}{0.25}$

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