

RS-485/RS-422 INTERFACE PUSH-PULL TRANSFORMERS



P6201 SERIES



- Designed for use with the Maxim™ MAX253, MAX845 and Analog Devices™ ADM2485 or equivalent to provide isolated RS-485, RS-232, and RS-422 interfaces.
- High isolation voltage of 2.5KVrms
- Small Size: 15.00mm x 10.40mm x 6.50mm
- Operating Temperature: -40°C to +85°C
- RoHS Compliant Product
- Custom Design Available

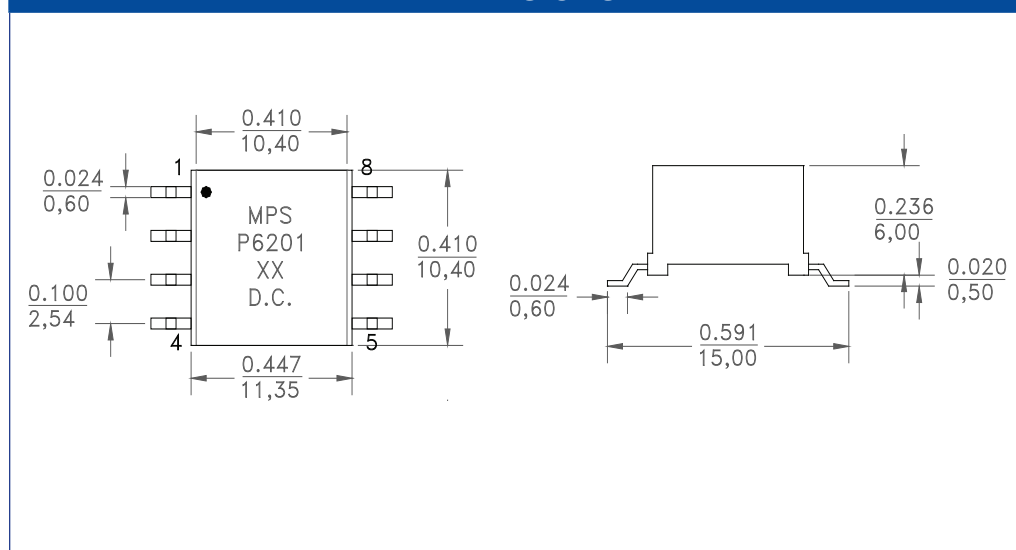
ELECTRICAL PARAMETERS @25°C

Part Number	Inductance (1-4) (µH Typ)	Turns Ratio (1-4 : 8-5) (±5%)	ET (1-4) V-µSec (MAX)	DCR (1-4) (Ω MAX)	L _L (1-4) (µH MAX)	C _{ww} (1-4 to 8-5) (pF MAX)
P6201-21	500	2CT : 1 CT	18	1.50	1.50	50
83	500	2.67CT : 1CT	18	1.50	2.00	50
43	500	1.33CT : 1CT	11	1.00	1.20	50
34	500	1CT : 1.33CT	11	1.00	1.20	50
11	500	1CT : 1CT	11	1.00	1.00	50
13	500	1CT : 2CT	11	1.00	1.20	50
38	500	1CT : 2.67CT	11	1.00	2.00	50
122	250	1CT : 2.2CT	11	1.00	1.00	50
23	500	1CT : 1.5CT	18	1.00	1.00	50

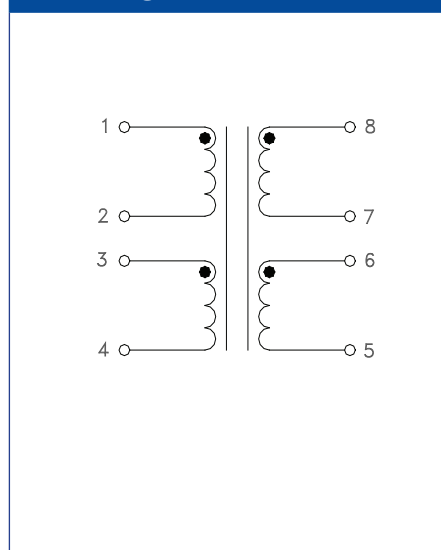
NOTES:

- Primary: Connect 1-2 and 3-4 in series
- Secondary: Connect 8-7 and 6-5 in series
- OCL, L_L, C_{ww} measured at 100KHz, 0.1Vrms
- Hipot: 2500Vrms, 1mA, 2S, Primary to Secondary

DIMENSIONS



SCHEMATIC



Dimensions

Unless otherwise specified, all tolerances are:
 inch: XX : ±0.015 .XXX : ±0.004
 mm: X.X : ±0.38 X.XX : ±0.10

Product performance is limited to specified parameters. Data is subject to change without prior notice.

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