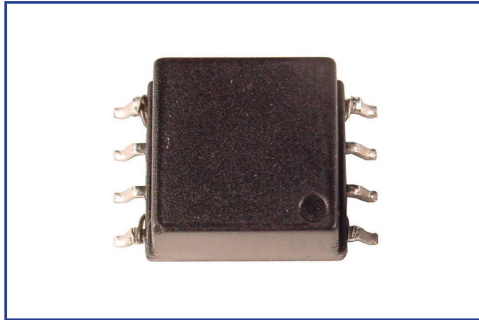


# RS-485/RS-422 INTERFACE PUSH-PULL TRANSFORMERS



## M6210 SERIES



- Complies to UL1950, IEC950, and EN60950
- Designed for use with the Maxim™ MAX253 and MAX845 monolithic oscillator/power driver 3.3V / 5.0V source
- Construction complies with IEC 60950 Basic, Supplementary, and Reinforced isolation requirements
- UL60601 and VDE compliant designs available upon request
- Operating Temperature: -40°C to +85°C
- RoHS Compliant Product
- Custom Design Available

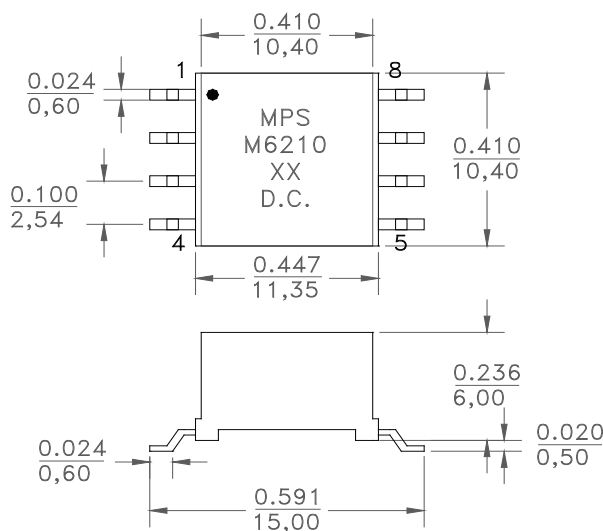
## ELECTRICAL PARAMETERS @25°C

Part Number	Inductance (1-4) (μH Min)	Turns Ratio (1-4 : 8-5) (±5%)	ET (1-4) VμSec (Min)	DCR (1-4) (Ω Max)	L <sub>L</sub> (1-4) (μH Max)	C <sub>ww</sub> (1-4 to 8-5) (pF Max)	Hi-Pot (1-4 to 8-5) (Vrms)
M6210-21	500	2CT : 1 CT	18	1.50	1.50	45	4500
83	500	2.67CT : 1CT	18	1.50	2.00	45	4500
43	500	1.33CT : 1CT	11	1.00	1.20	45	4500
34	500	1CT : 1.33CT	11	1.00	1.20	45	4500
11	500	1CT : 1CT	11	1.00	1.00	45	4500
12	500	1CT : 2CT	11	1.00	1.20	45	4500
38	500	1CT : 2.67CT	11	1.00	2.00	45	4500

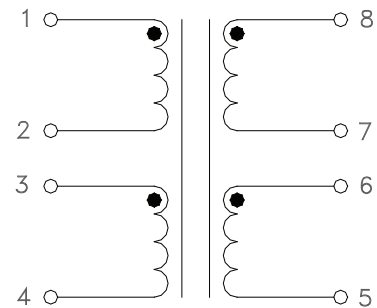
**NOTES:**

- Primary: Connect 1-2 and 3-4 in series
- Secondary: Connect 8-7 and 6-5 in series
- OCL, L<sub>L</sub>, C<sub>ww</sub> measured at 100KHz, 0.1Vrms

## 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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