

TRANSFORMER FOR RS-485 / RS-232 INTERFACE



M6201



- 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 requirement design subject to request
- Operating Temperature: -40°C to +85°C
- Smaller package with 500V_{RMS} isolation low cost version available upon request

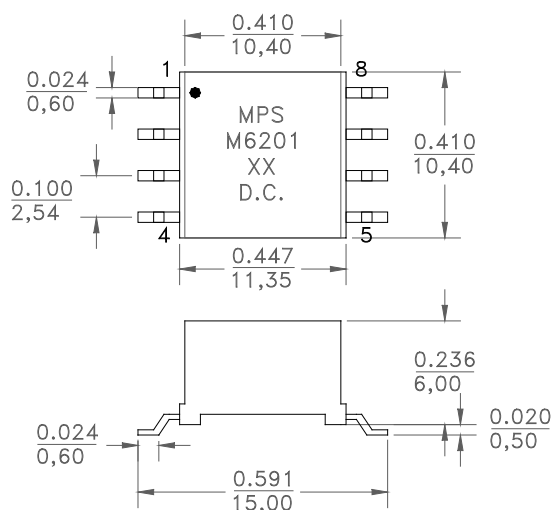
ELECTRICAL SPECIFICATION @ 25°C

Part No. M6201-	L (1-4) (μH) Min	Turns Ratio (1-4 : 8-5) ±5%	ET (1-4) VμSec Min	DCR (1-4) (Ω) Max	L _L (1-4) (μH) Max	C _{www} (1-4 to 8-5) (pF) Max	Hipot (1-4 to 8-5) V _{RMS}
21	500	2CT : 1CT	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
13	500	1CT: 2CT	11	1.00	1.20	45	4500
38	500	1CT: 2.67CT	11	1.00	2.00	45	4500

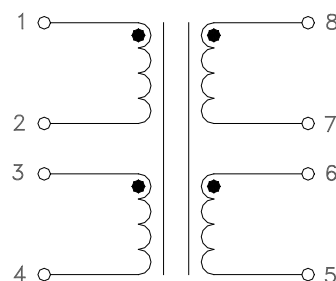
Note:

- Primary: Connect 1-2 and 3-4 in series
- Secondary: Connect 8-7 and 6-5 in series
- OCL, L_L, C_{www} measured at 100KHz, 0.1V_{RMS}

MECHANICAL



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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