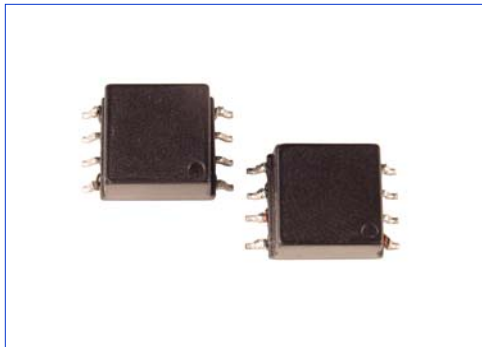


# TRANSFORMER FOR RS-485 / RS-232 INTERFACE



## 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<sub>RMS</sub> isolation low cost version available upon request

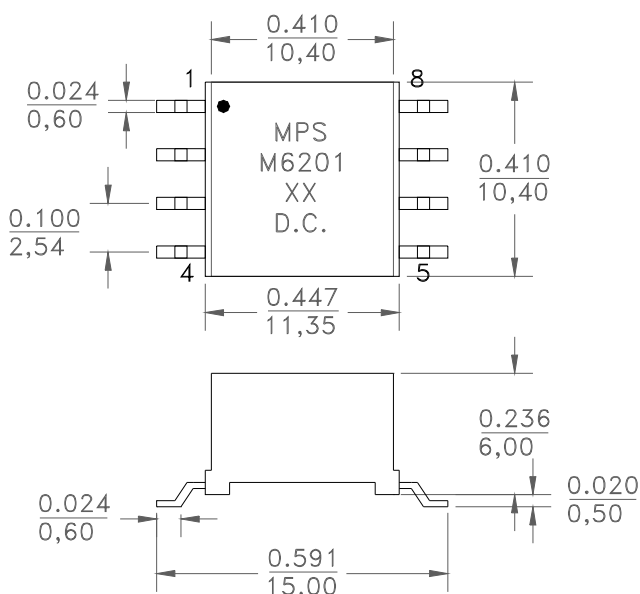
### ELECTRICAL SPECIFICATION @ 25°C

PART NO	L (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	Hipot (1-4 to 8-5) V <sub>RMS</sub>
M6201-							
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
13	500	1CT : 2CT	11	1.00	1.20	45	4500
38	500	1CT : 2.67CT	11	1.00	2.00	45	4500

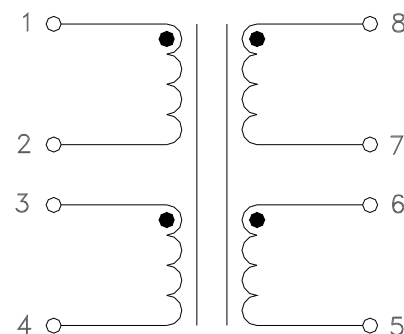
**Note:**

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

### 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

M6201  
1004JW

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