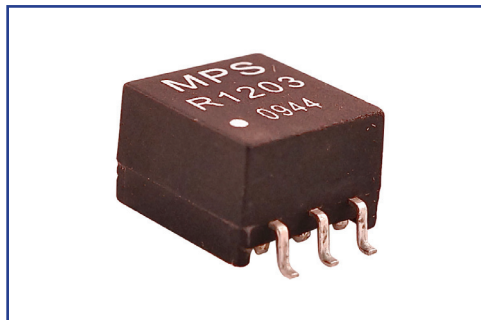


# RS-485/RS-422 INTERFACE PUSH-PULL TRANSFORMERS



## M6212 SERIES



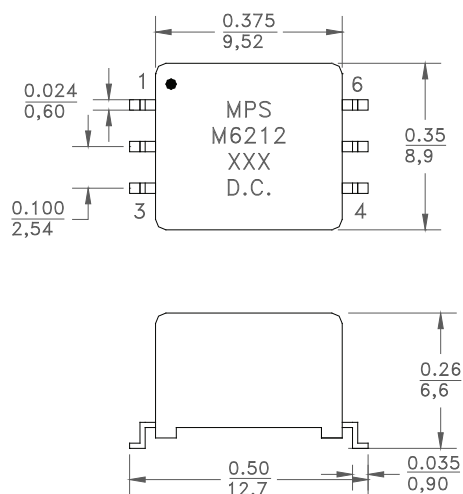
- Complies to UL1950, IEC950, and EN60950
- Designed for use with the Maxim™ MAX253 and MAX845 monolithic oscillator/power driver 3.3V / 5.0V source
- Construction complies with IEC 60950 Basic, Supplementary, and Reinforced isolation requirements
- UL60601 and VDE compliant designs available upon request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

## ELECTRICAL PARAMETERS @25°C

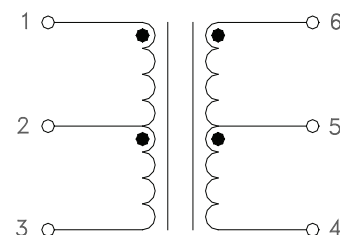
Part Number	Inductance (1-3) (μH Typ)	Turns Ratio (1-3 : 6-4) (±5%)	ET (1-3) VμSec (Min)	DCR (1-3) (Ω Max)	L <sub>L</sub> (1-3) (μH Max)	C <sub>ww</sub> (1-3 to 6-4) (pF Max)	Hi-Pot (1-3 to 6-4) (Vrms)
M6212-21	500	2CT : 1 CT	18	1.50	1.50	50	4500
83	500	2.67CT : 1CT	18	1.50	2.00	50	4500
43	500	1.33CT : 1CT	11	1.00	1.20	50	4500
34	500	1CT : 1.33CT	11	1.00	1.20	50	4500
11	500	1CT : 1CT	11	1.00	1.00	50	4500
12	500	1CT : 2CT	11	1.00	1.20	50	4500
38	500	1CT : 2.67CT	11	1.00	2.00	50	4500
122	250	1CT : 2.2CT	11	1.00	1.00	50	4500
23	500	1CT : 1.5CT	18	1.00	1.00	50	4500

NOTES:  
• 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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