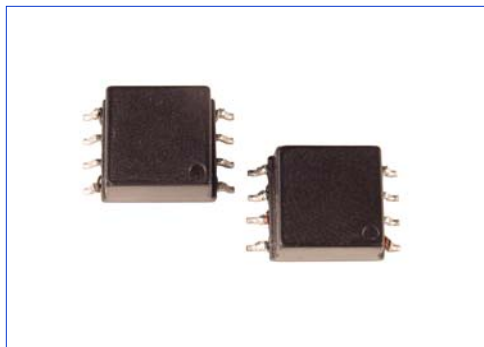


WIDE BAND ISOLATION TRANSFORMER



R3600 SERIES



- For RF, DS3/E3, Broadband, BPL and Ethernet Magnetics which require Supplementary or Reinforced Isolation
- Construction complies with IEC60950 Isolation requirement
- RoHS Compliant Product
- Operating Temp : 0°C to 70°C (extended temperature subject to request)

ELECTRICAL SPECIFICATION @ 25°C

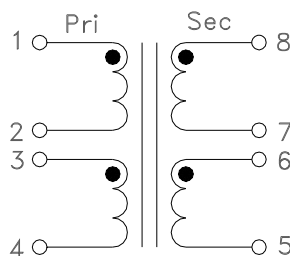
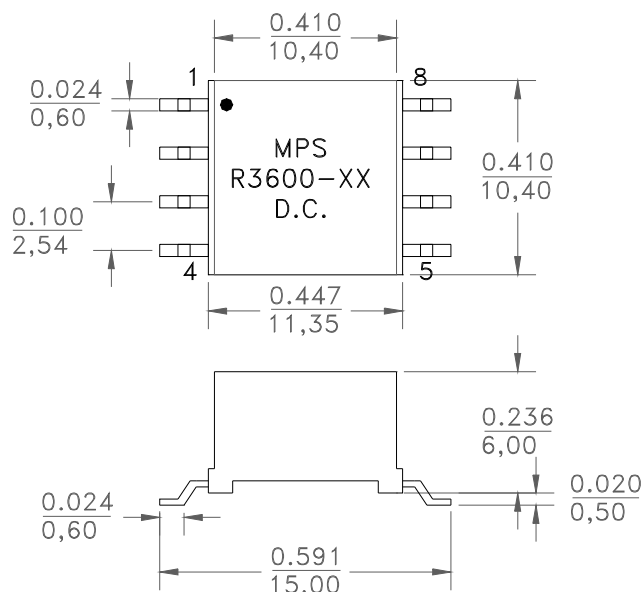
PART NO	Turns Ratio	Pri OCL (μH) Min	Pri DCR (Ω) Max	Insertion Loss dB Max 1MHz	Insertion Loss dB Max 100MHz	Insertion Loss dB Typ 300MHz	Hipot V _{RMS} Pri to Sec	Schematic
R3600-	Pri : Sec ±5%	1-4	1-4					
1	1:1	500	0.30	-0.5	-1.0	-2.6	4500	B
2	1CT:1CT	800	0.50	-0.5	-1.2	-3.5	3000	A
3	1:2	120	0.20	-0.8	-1.0	-1.5	4500	B
4	1:1:1	120	0.20	-0.8	-1.0	-1.5	4500	C
5	3 : 3 : 1	200	0.30	-0.5	-1.0	-3.0	3000	C
6	1:1.224	500	0.50	-0.8	-1.0	-3.0	3000	B

Note:

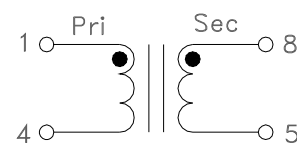
- OCL measured @ 100KHz, 0.1V_{RMS} at Pin 1-4 (with 2-3 shorted)
- Insertion Loss measured with 100Ω as Input (Primary) Impedance between 1-4 and Output (Secondary) load with respective impedance
- 50Ω and 75Ω impedance data available upon request

Mechanical

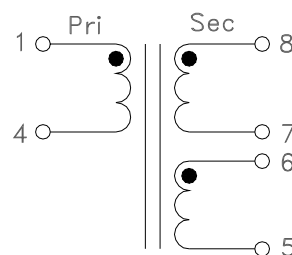
Schematic



Schematic A



Schematic B



Schematic C

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 parameter. Data is subject to change without prior notice.

R3600-XX
1004JW