



EP5 Gate Drive Transformer

Characteristics:

- Compact package options: EP5, ER9, 5 and 1210 Toroid
- 1 or 2 secondary windings available
- Insulation test voltage range: 1500 VDC to 2100 VDC

Options:

- Compact (EP5/ER9.5/1210 Toroid), 1 /2 secondary windings
- 7 translations, 1500– 2100VDC insulation test voltage
- For gate drive, high-efficiency SMPS, sync rectification, motor control & telecom power supplies

Common Applications:

- Engineered for dual-purpose signal and power applications
- Designed specifically for high-efficiency switch-mode power supply (SMPS) gate drive scenarios
- Features synchronous rectification functionality
- Compatible with motor drive control circuits
- Well-suited for telecom base station power supply systems

Physical Properties

Order Code	n	L (μ H)	$\int Udt$ (μ Vs)	V_T (V(DC))	C_{ww1} (pF)	L_s (μ H)
INF-EP5-260 μ H	1:1:1	260	25.2	1500	9	1.7
INF-EP5-370 μ H	1:1	370	30.2	1500	10	1.8
INF-EP5-650 μ H	1.5:1	650	40.8	1500	9	2.9
INF-EP5-350 μ H	2.5:1:1	350	29.4	1500	7	2.3
INF-EP5-330 μ H	2:1:1	330	28.6	1500	7	1.9
INF-EP5-460 μ H	2.5:1	460	33.6	1500	9	2.3

Technical Specifications

