



## Gate Drive Transformer EP7

### Characteristics:

- Excellent performance in small package (EP7)
- 1 or 2 secondary windings
- 6 Translations
- 2500 VAC test voltage
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- Basic insulation for operating voltages up to 250 VRMS

### Options:

- Compact EP7 package, 1/2 secondary windings
- 6 translations, 2500VAC test voltage
- Basic insulation (up to 250VRMS), for gate drive, high-efficiency SMPS & synchronous flyback

### Common Applications:

- Suitable for signal and power application
- Designed for gate drive application high efficient SMPS
- Synchronous Flyback

### Physical Properties

| Order Code           | n       | L<br>( $\mu$ H) | $\int Udt$<br>( $\mu$ Vs) | $V_T$<br>(V(AC)) | $C_{WW1}$<br>(pF) | $L_s$<br>( $\mu$ H) |
|----------------------|---------|-----------------|---------------------------|------------------|-------------------|---------------------|
| INF-EP7-750 $\mu$ H  | 1:1:1   | 750             | 102                       | 2500             | 11                | 4                   |
| INF-EP7-750 $\mu$ H  | 1:1     | 750             | 102                       | 2500             | 11                | 4                   |
| INF-EP7-735 $\mu$ H  | 1.5:1:1 | 735             | 99                        | 2500             | 11                | 3.5                 |
| INF-EP7-750 $\mu$ H  | 2:1:1   | 750             | 102                       | 2500             | 11                | 4                   |
| INF-EP7-1080 $\mu$ H | 2.5:1:1 | 1080            | 120                       | 2500             | 11                | 5                   |
| INF-EP7-1080 $\mu$ H | 3:1:1   | 1800            | 140                       | 2500             | 11                | 7.5                 |

### Technical Specifications

