

# SMD LOW PROFILE SWITCHING TRANSFORMER

## STefd SERIES



### FEATURES:

- Multiple Combination
- Series Mode or Parallel Mode
- Low Profile

### COMMON APPLICATIONS:

- SMPS DC-DC converter
- CMC, Differential
- Flyback, Boost, Buck
- ADSL/VDSL
- Switching power supplier

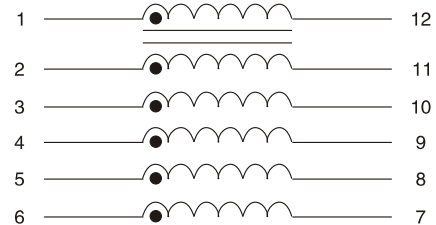
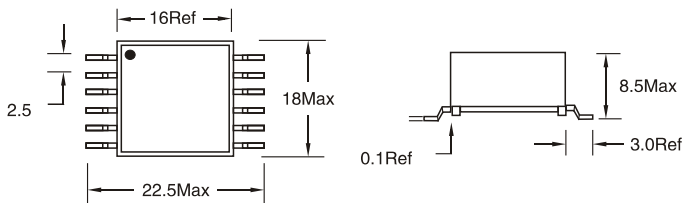
## STANDARD SPECIFICATIONS @25°C

Part Number		L (μH) ± 20%	Leakage (μH) Typ.	DCR Max (Ω) Max	1rms Typ (mA) Typ.
EFD15	STefd15-3R8	3.8	0.06	0.07	1.5
	STefd15-4R5	4.5	0.06	0.07	1.5
	STefd15-6R8	6.8	0.06	0.07	1.5
	STefd15-110	11.3	0.06	0.07	1.5
	STefd15-630	63	0.06	0.07	1.5
EFD20	STefd20-3R5	3.5	0.11	0.05	2.1
	STefd20-4R5	4.5	0.11	0.05	2.1
	STefd20-5R3	5.3	0.11	0.05	2.1
	STefd20-100	10	0.11	0.05	2.1
	STefd20-770	77	0.11	0.05	2.1

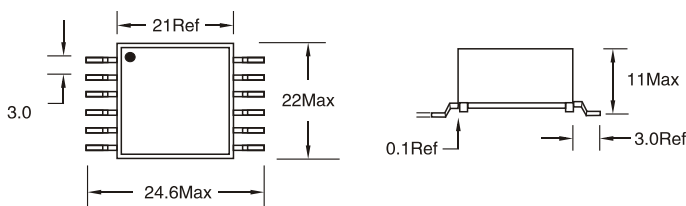
## TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS

### Dimensions:mm

#### STefd15



#### STefd20



- Inductance measure at Pin 1-2,100KHz 0.1VRms.
- DCR measure at individual winding
- Leakage measure at pin 1-12 with all other windings shorted
- Insulation Resistance: 500 VDC,1KM Ohm min.
- Turns ratio: 1:1:1:1:1:1
- Soldering temperature:260°C for 4 ± 1 seconds
- Operating temperature:0°C to 70°C
- Storage Temperature:-25°C to 85°C
- Different package available per special request

Note:All specifications subject to change without notice.