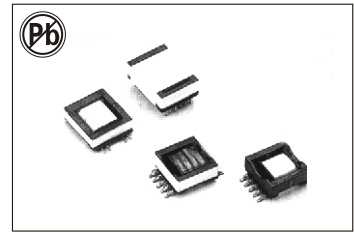


SMD LOW PROFILE SWITCHING TRANSFORMER

SPT SERIES

SPT-01,02,03



FEATURES:

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

OPTIONS:

- Bulk Packaging is Standard
- Custom Design Available
- Thru Hole Available

COMMON APPLICATIONS:

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

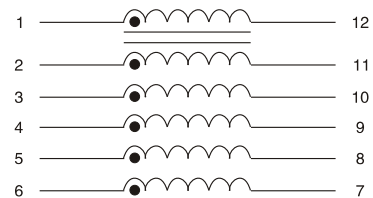
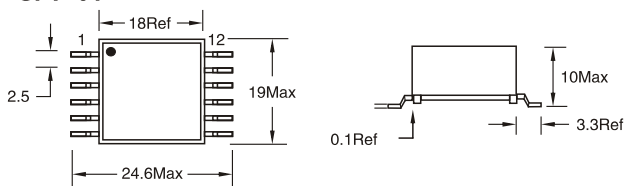
STANDARD SPECIFICATIONS @250C

Part Number		L (μH) ± 20%	Leakage (μH) Typ.	DCR Max (Ω) Max	1rms Typ (mA) Typ.
SPT-01 EFD-17 Package	SPT-01-3R8	3.8	0.08	0.06	1.8
	SPT-01-5R0	5.0	0.08	0.06	1.8
	SPT-01-6R2	6.2	0.08	0.06	1.8
	SPT-01-11R5	11.5	0.08	0.06	1.8
	SPT-01-700	70	0.08	0.06	1.8
SPT-02 EFD-15 Package	SPT-02-3R8	3.8	0.06	0.07	1.5
	SPT-02-4R5	4.5	0.06	0.07	1.5
	SPT-02-6R8	6.8	0.06	0.07	1.5
	SPT-02-11R3	11.3	0.06	0.07	1.5
	SPT-02-630	63	0.06	0.07	1.5
SPT-03 EFD-20 Package	SPT-03-3R5	3.5	0.11	0.05	2.1
	SPT-03-4R5	4.5	0.11	0.05	2.1
	SPT-03-5R3	5.3	0.11	0.05	2.1
	SPT-03-100	10	0.11	0.05	2.1
	SPT-03-770	77	0.11	0.05	2.1

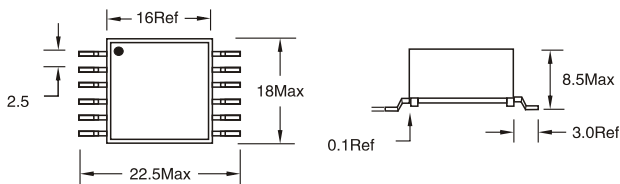
TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS

Dimensions:mm

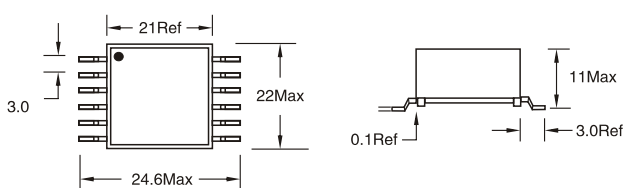
SPT-01



SPT-02



SPT-03



- 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.