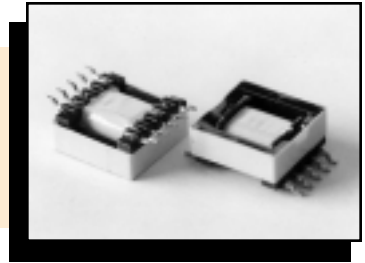


# SMD LOW PROFILE SWITCHING TRANSFORMER

## ALST SERIES

### ALST-01, 02, 03



#### FEATURES:

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

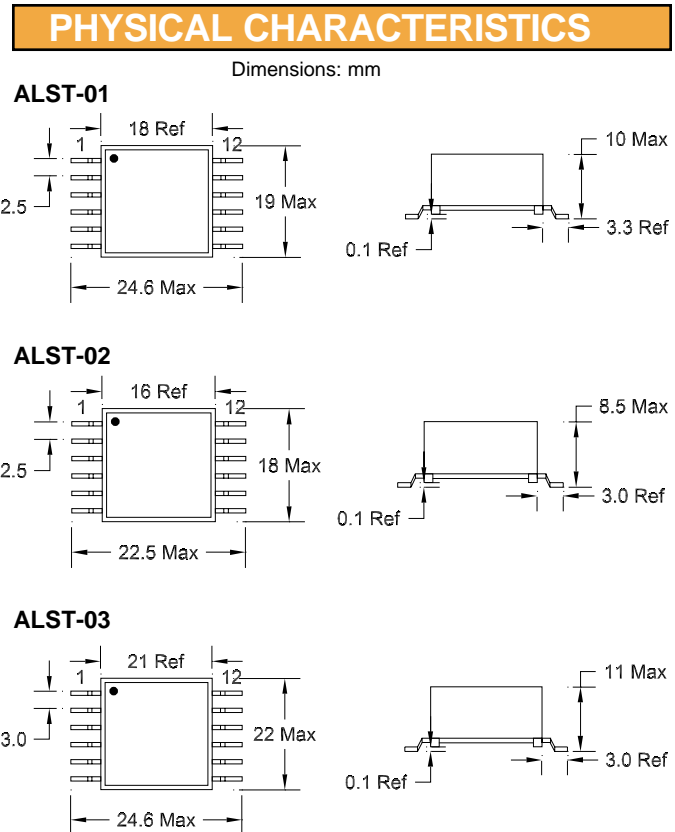
#### OPTIONS:

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

#### COMMON APPLICATIONS:

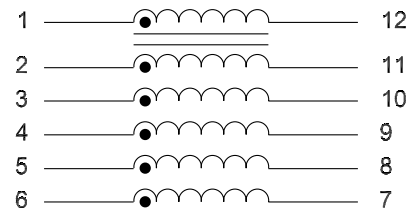
- SMPS
- CMC, Differential
- Flyback, Boost, Buck
- ADSL

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



#### TECHNICAL INFORMATION:

- 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 ± 0 %
- Soldering temperature: 260°C for 4±1 seconds
- Operating temperature: 0°C to 70°C
- Different package available per special request



Note: All specifications subject to change without notice.

