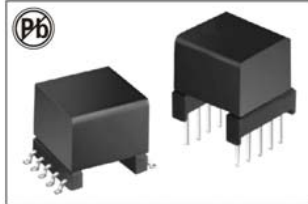


ADSL Transformers



FAADSL TRANSFORMERS FAADSL-100 SERIES

FEATURES:

High Frequency Design
Excellent THD
High Reliability

OPTIONS:

Tape & Reel is Standard
Custom design available

COMMON APPLICATIONS:

FAADSL VDSL Router
Analog Devices, Alcatel, Globespan.
Central Office/Customer Premise

STANDARD SPECIFICATIONS

Part Number	Application	Turns Ratio % Line to Chip	OCV (mH 10%) Line Side	L _L Mbx	Longitudinal Balance (dB Min)	DCR (Max.) Line Side	THD dB Min	SCH	Applicable IC
FAADSL-101	CPE	1:1	5.0 (1)	15 (2)	40(25KHz-1.1MHz)	3.0	80@30KHz	1	AD20msP910/918
FAADSL-102	CPE	1:1	0.48 (1)	10 (2)	40(30KHz-1.1MHz)	1.0	72@10KHz	1	MTK-20/40
FAADSL-102A	CO	1:1	0.41 (1)	6.5 (2)	40(30KHz-1.1MHz)	0.6	72@20KHz	1	MTK-20/40
FAADSL-103	CPE	2:1	0.43 (3)	10 (4)	40(25KHz-1.1MHz)	0.45	80@100KHz	2	G7000
FAADSL-105	CPE	1:1	0.407 (1)	9 (2)	40(25KHz-1.1MHz)	0.66	80@100KHz	1	EL-1501

Inertion Loss: 0.5dB max Inductance measured @10KHz 0.1 VRMS Hipot: 1500 VRMS

Remark: Add "S" after Part No. for SMT package

Example: FAADSL-101S for SMT Package: Package B

Notes:

1. Measure inductance at pin 1-4 with pin 2-3 shorted.
2. Measure leakage inductance at pin 1-4 with 2-3 shorted, and 7-8-9-10 shorted.
3. Measure inductance at pin 1-5 with pin 2-4 shorted.
4. Measure leakage inductance at pin 1-5 with 2-4 shorted, and pin 6-9-7-10 shorted.

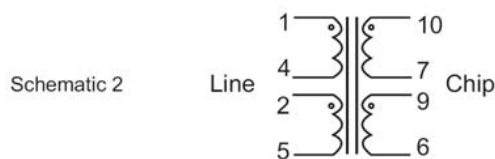
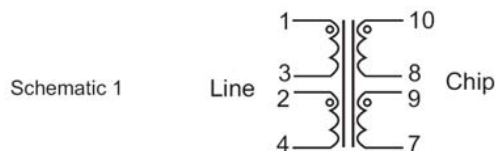
TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS

Soldering methods: Wave, Reflow

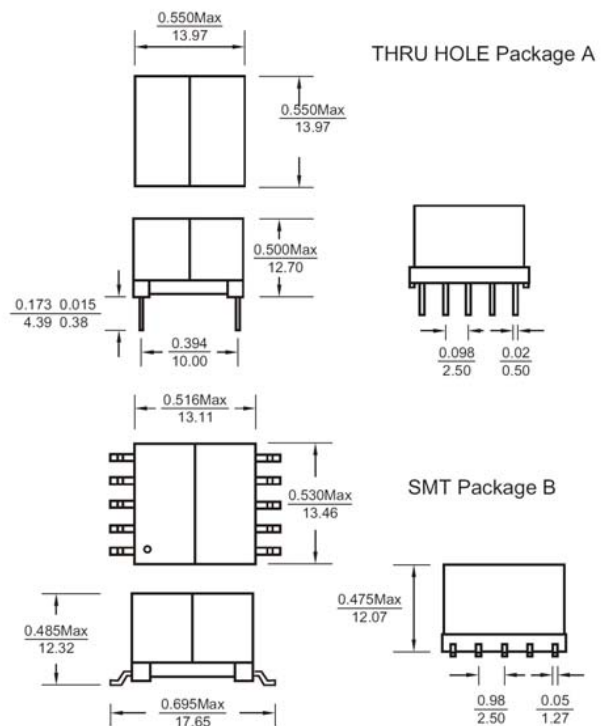
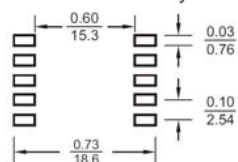
Operating Temperature: 0 to +70

Storage Temperature: -55 to 125

Note: All specifications subject to change without notice.



Recommended Pad Layout



Dimensions: Inches/mm