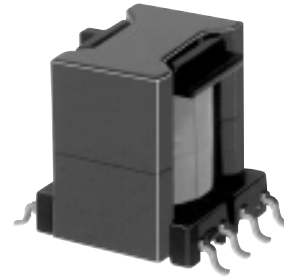


ADSL Interface Transformer

Singapore

Type: **FJS10B**



Perfect for high density mounting and multi-channel useage in DSLAM

Features

- Small size , Space saving
- Low THD
- Complies with safety standard UL1950 and IEC950
- Surface mountable, lead-free type

Recommended Applications

- DSLAM
- ADSL Modem

Explanation of Part Numbers

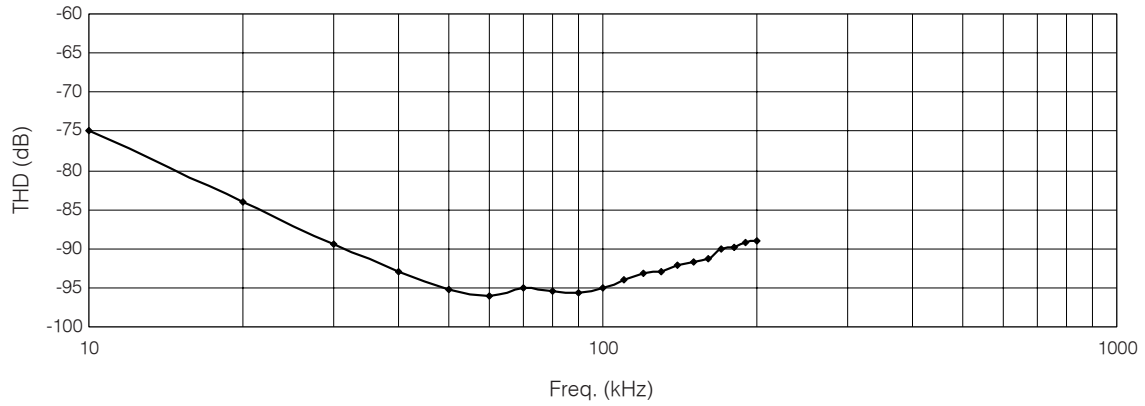
1	2	3	4	5	6	7	8	9	10	11	12
E	T	J	S	1	0	Z	B	1	1	A	F
Product Code		Classification		Size		Type		Design No.		Option Packaging	

Example

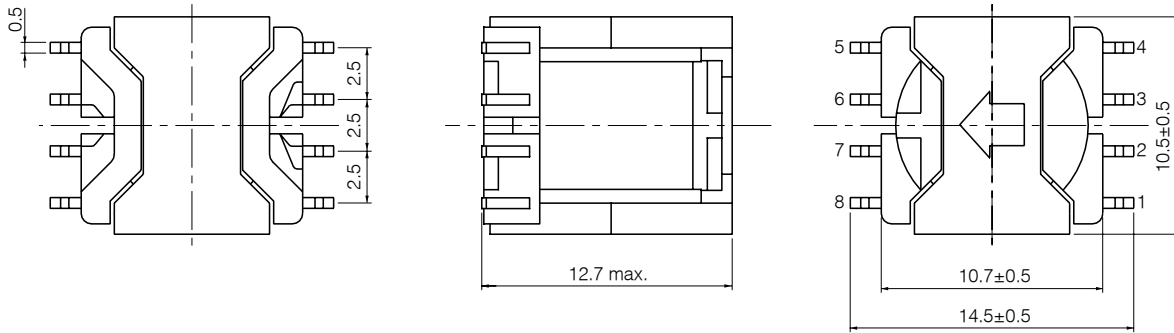
Turns ratio	Inductance (mH) (10 kHz, 0.1 V) Tolerance ± 10 % (1-4)with 2-3 shorted	Leakage Inductance (µH) (100 kHz, 1.0 V) (1-4)with 2-3, 6-7, 5-8 shorted	DC Resistance (Ω)		Isolation Voltage (V rms)
			(1 - 4)	(5 - 8)	
1.0 : 1.0	0.85	4.66	2.15	4.38	1500

Load Resistance (Ω)	THD (Total Harmonic Distortion) (dB)		Longitudinal Balance (dB) (1 MHz)	Insertion Loss (dB) (100 kHz)
	(10 kHz)	(100 kHz)		
100	- 74.9	- 95.0	- 46.0	- 0.25

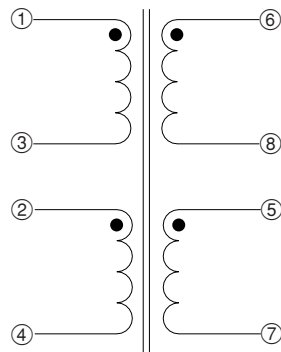
THD VS Frequency Characteristics



Dimensions in mm (not to scale)



Connection Schematics



Recommended Land Pattern in mm (not to scale)

