Common Mode Choke Filter For xDSL Applications

- The series products provide noise emission for xDSL applications interface.
- For RoHS Compliant is designed for reflow soldering at temperature 245°C(+0°C/-5°C).
- Rated Voltage: 42Vac or 80Vdc.
- Common mode attenuation frequency from 10KHz to 1GHz.

Electrical Specification @25°C:

UMEC Model No.	Inductance	I_N (A)	DC Resistance (Ω)	Hi-Pot (Vrms)	Package Style
UT21301V-TS	2x1mH[2)]	0.25	≤0.65	625	K5S
UT21302V-TS	2x2.2mH[2)]	0.2	0.7 typ.	500	K5S
UT21304V-TS	2x11uH[3)]	0.5	≤0.15	250	K5S
UT21305V-TS	2x51uH[3)]	0.5	≤0.3	250	K5S
UT21307V-TS	2x470uH[3)]	0.25	≤0.2	750Vdc	K5S
UT21308V-TS	2x100uH[3)]	0.5	≤0.15	750	K5S
UT21316V-TS	2x6uH[4)]	0.9	≤0.1	500	K5S
UT21323V-TS	2x4.7mH[2)]	0.4	≤0.7	500	K5S
UT21332V-TS	2x25uH[3)]	0.8	≤0.25	500	K5S
UT21333V-TS	2x5 uH[3)]	0.5	≤0.2	500	K5S
UT34297A	2x4.7mH[4)]	0.4	≤1.0	500	K8S
UT34576S	2x9mH[3)]	0.3	≤1.2	500	K8S
UT28464-TS	2x20mH[3)]	0.2	≤2.0	500	K10S

Notes: 1. For RoHS compliant products, the Ordering Code: TG-Model No. ex. TG-UT21301V-TS.
2. Inductance tolerance: +50%/-30%.
3. Inductance tolerance: ±30%.
4. Inductance: minimum value.
5. Operation temperature range: -40°C to +85°C.
6. Packaging Information: Tape And Reel According to “Package Style” Items Of Data Sheet 01-00D

Green Product

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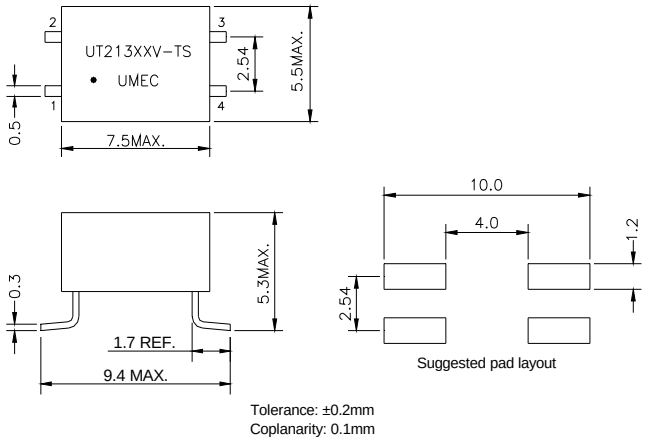
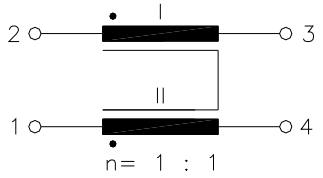
Common Mode Choke Filter
For xDSL Applications

Mechanicals & Schematics:

K5S:





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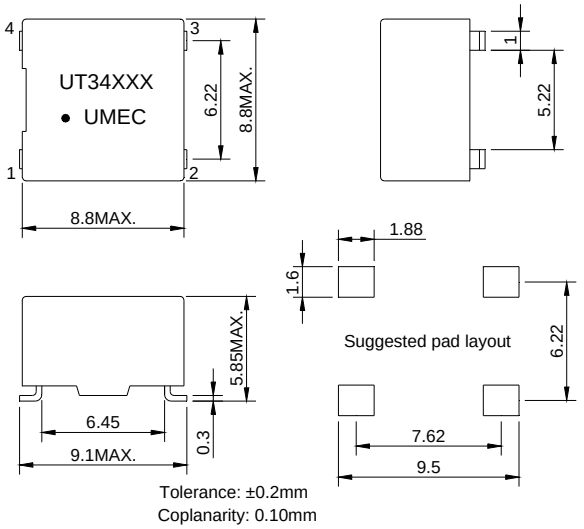

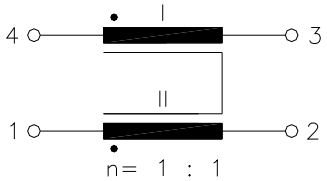

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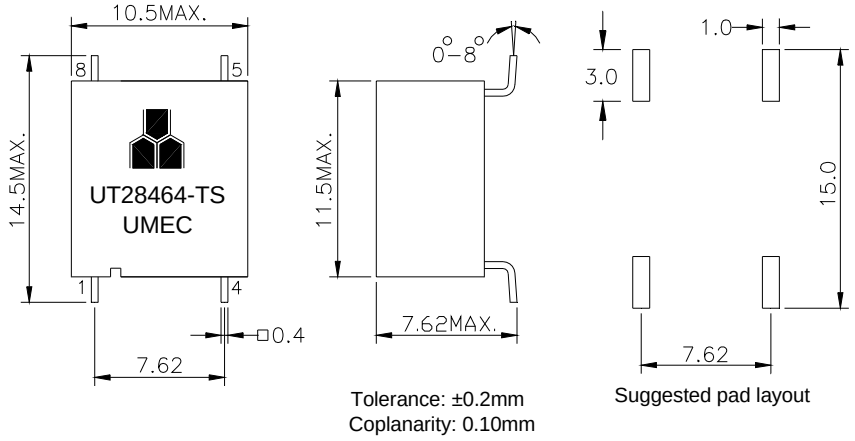

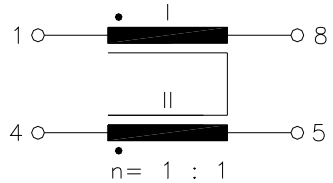

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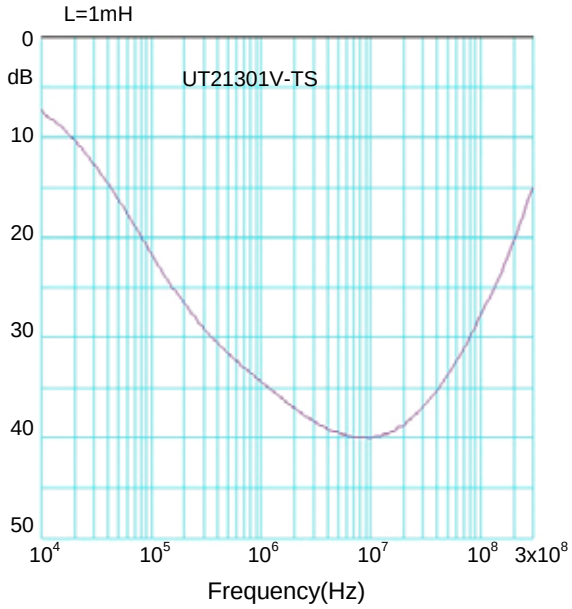
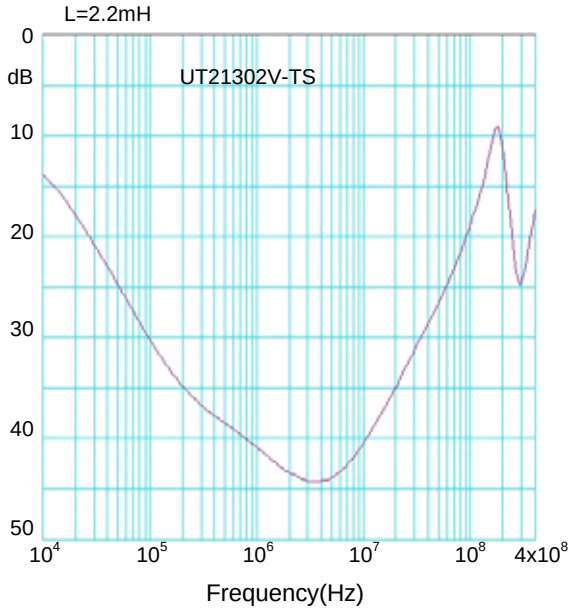
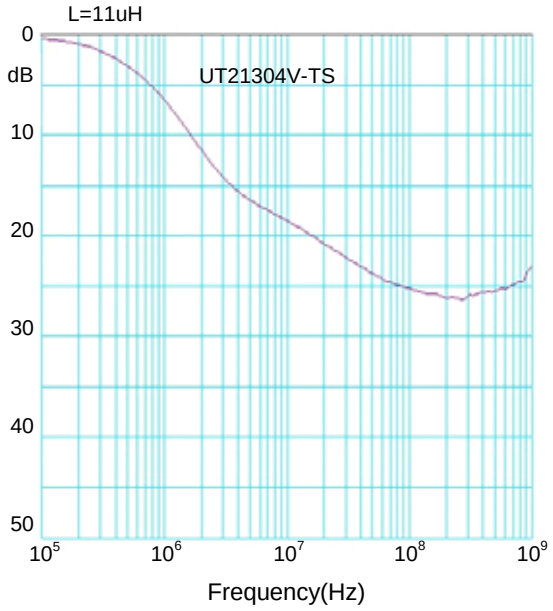
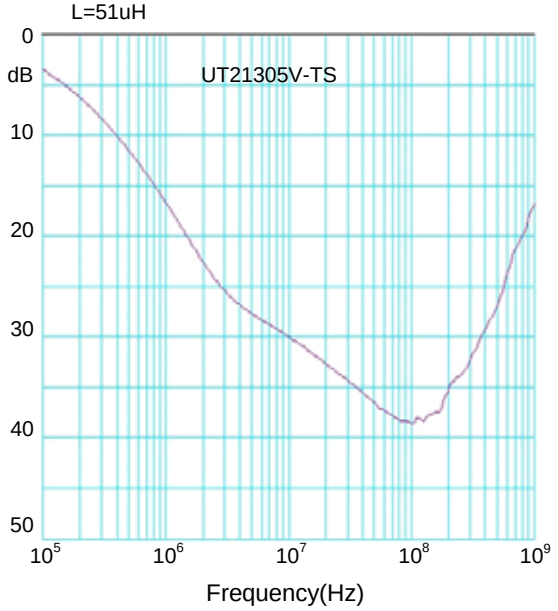
Common Mode Choke Filter For xDSL Applications

Attenuation (typical values at Z=50Ω)









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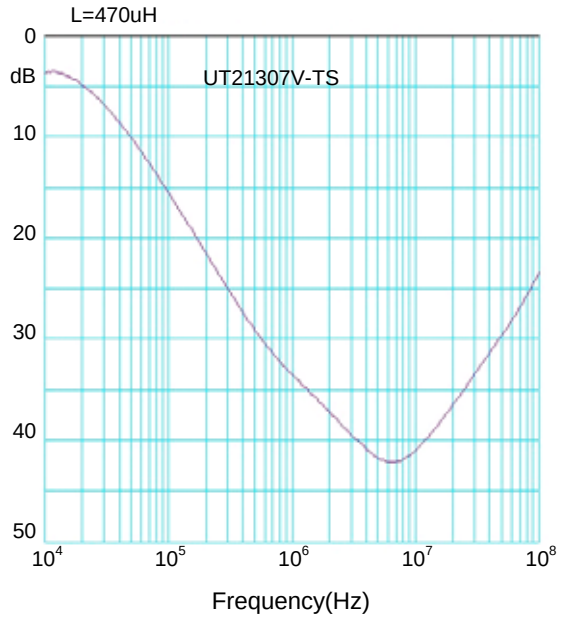
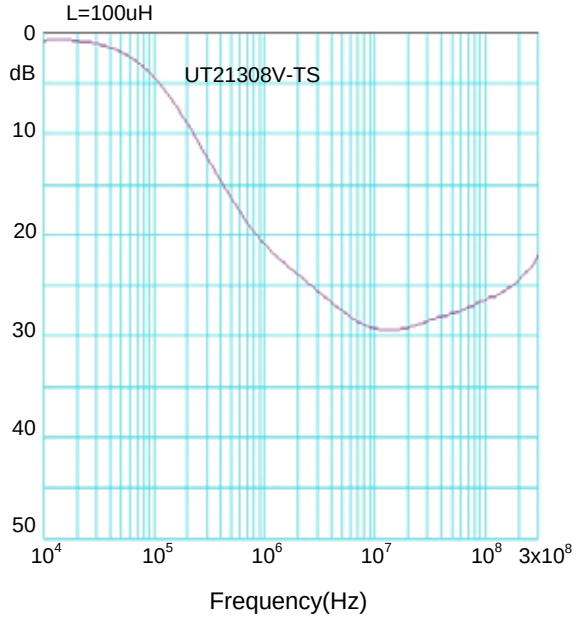
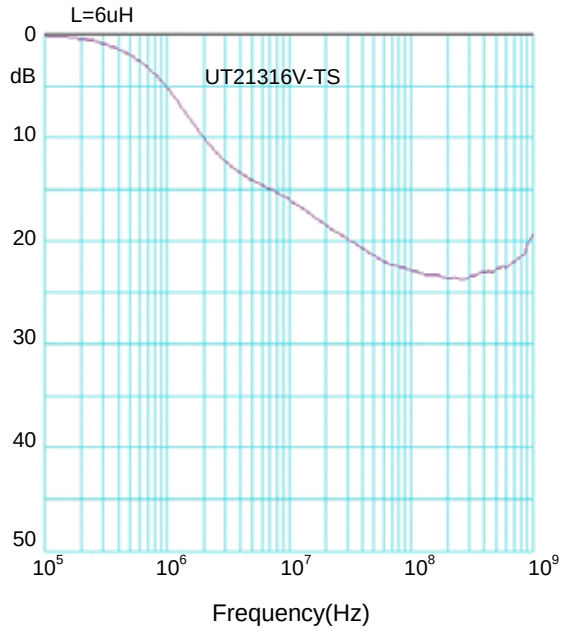
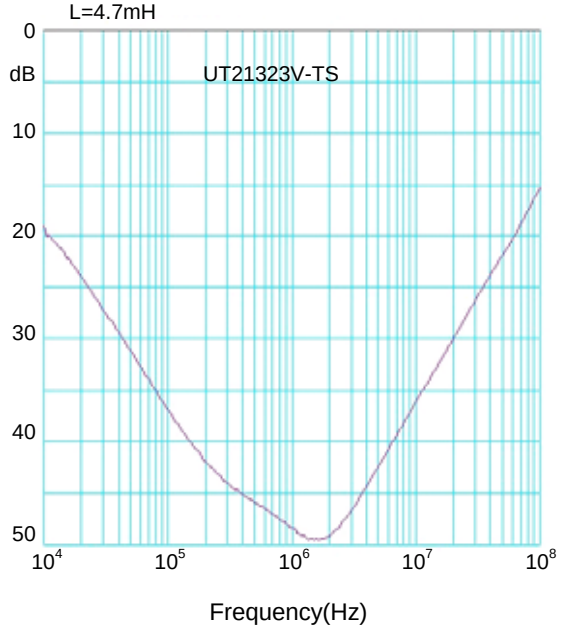
Common Mode Choke Filter For xDSL Applications

Attenuation (typical values at Z=50Ω)(continued)









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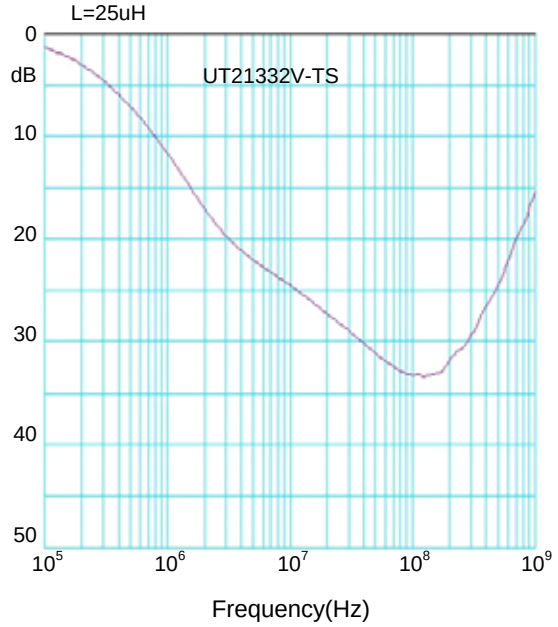
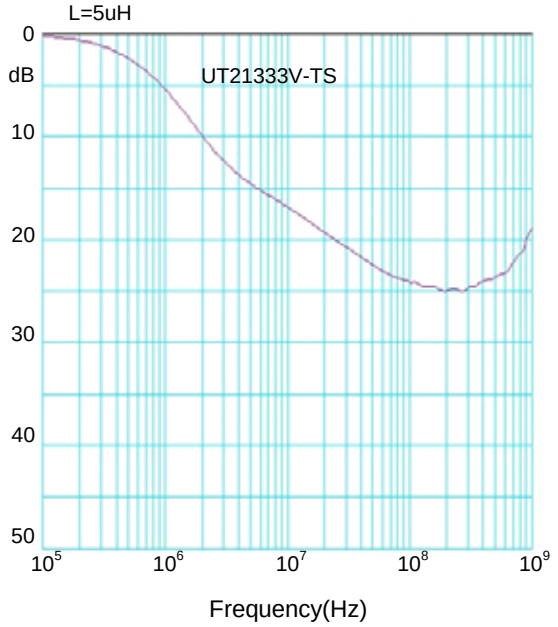
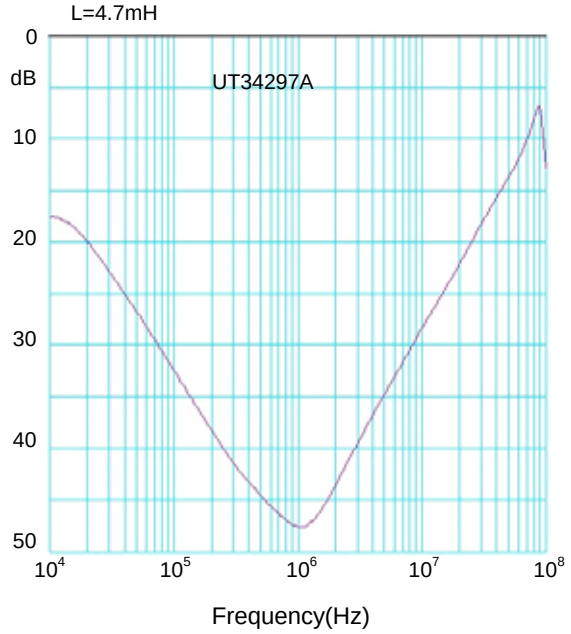
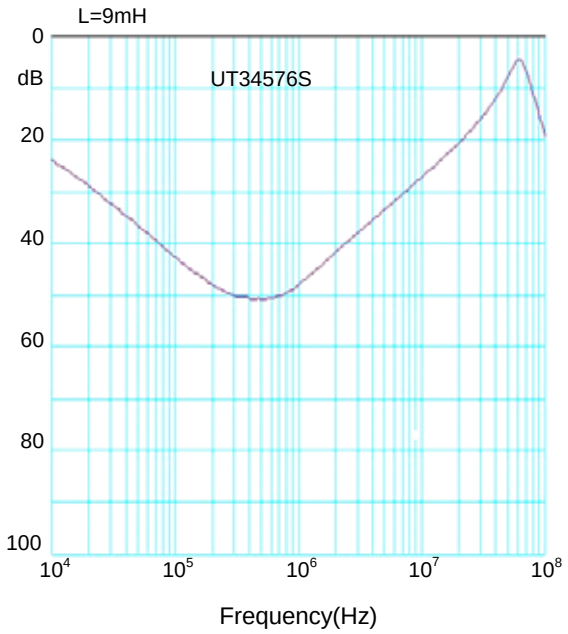
Common Mode Choke Filter For xDSL Applications

Attenuation (typical values at Z=50Ω)(continued)









Attenuation (typical values at Z=50Ω)

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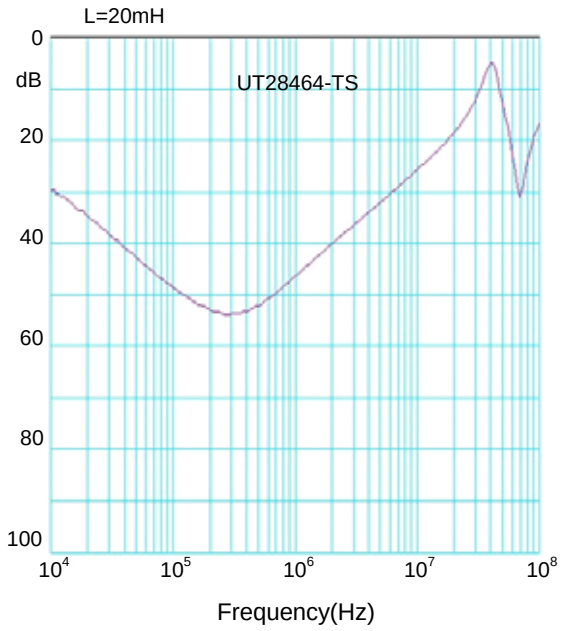
Common Mode Choke Filter For xDSL Applications



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