

Data and signal line chokes

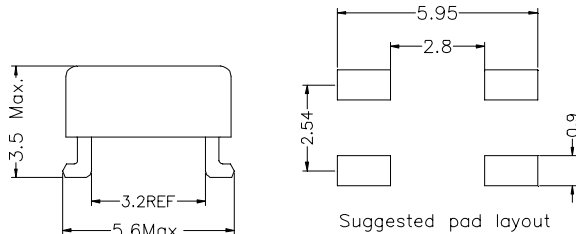
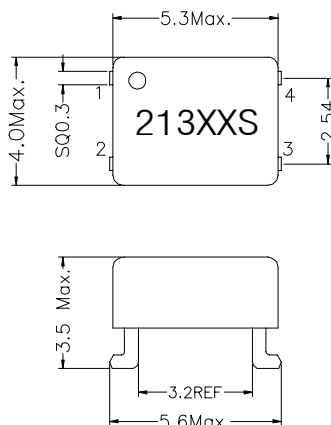
- The series products provide noise emission for Automotive and Telecom data line applications.
- For RoHS Compliant is designed for reflow soldering at temperature 250 °C (+0 °C /-5 °C).
- Rated voltage 42Vac or 80Vdc.
- Rated current 200mA to 300mA
- Common mode attenuation frequency from 10KHz to 1GHz

Electrical Specification @25°C:

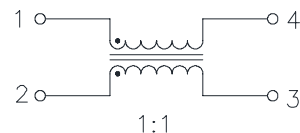
UMEC Model No.	Inductance (μ H+50%/-30%)	Current rate (mA typ)	DC Resistance (m Ω typ)	Leakage Inductance (nH typ)	Hi-Pot (Vdc, 2s)
UT21356S	12	300	120	40	250
UT21357S	25	250	170	60	250
UT21358S	25	250	170	800	250
UT21359S	33	200	200	70	250
UT21360S	33	200	200	900	250
UT21361S	51	200	250	90	250
UT21362S	51	200	250	1200	250
UT21363S	100	300	150	50	750
UT21364S	220	200	200	60	750
UT21365S	330	200	250	70	750
UT21366S	470	200	320	100	750

Notes: 1. For RoHS compliant products, the Ordering code (Manufacturer Part Number): TG-Model No. ex. TG-UT21356S.
2. Inductance at 100 kHz 100mV
3. Leakage Inductance at 100KHz 1V
4. Packaging Information: Tape and Reel according to Item No. "K3S01" of data sheet 01-00

Mechanicals & Schematics:



Suggested pad layout



*Specifications are subject to change without prior notice.

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ES France - Département Composants & Modules
127 rue de Buzenval BP 26 - 92380 Garches



Tél. 01 47 95 99 89
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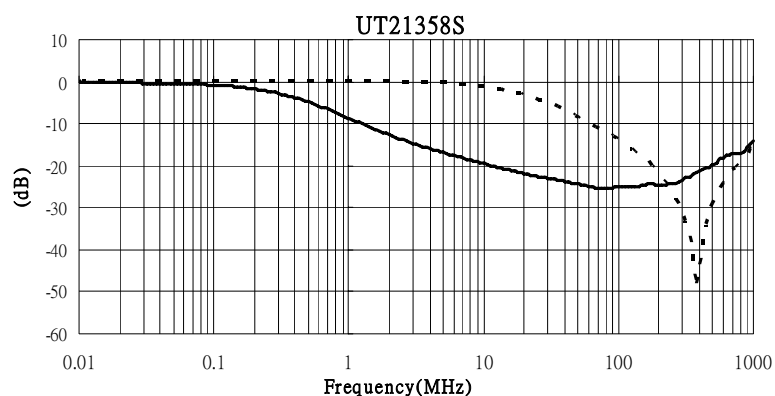
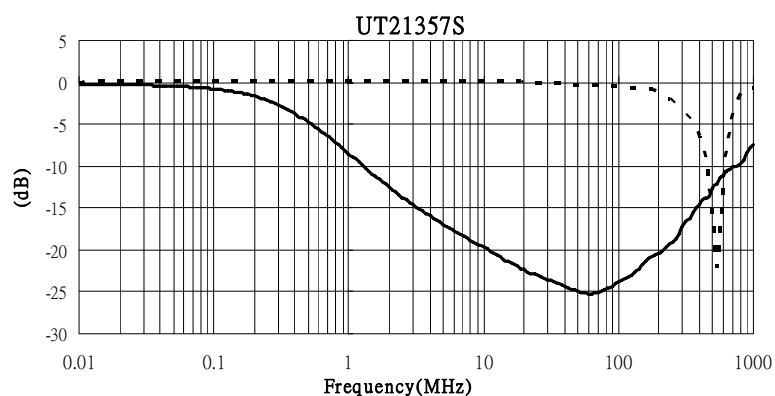
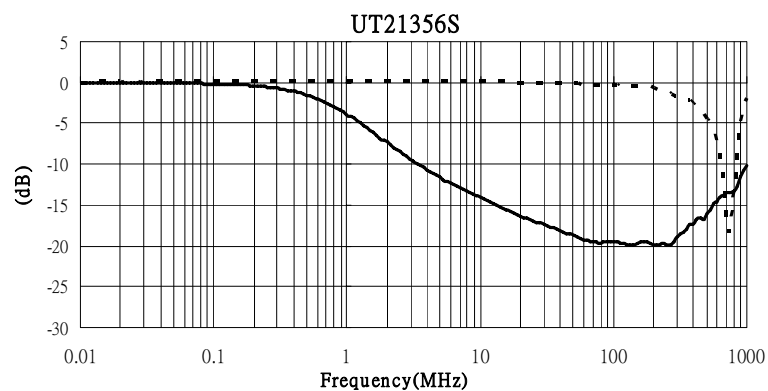
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Attenuation (typical values at $Z=50\Omega$)

———— asymmetrical, all branches in parallel (common mode)

----- symmetrical (differential mode)



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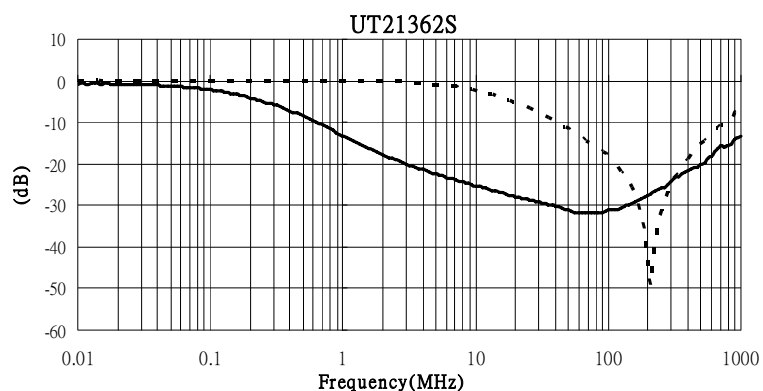
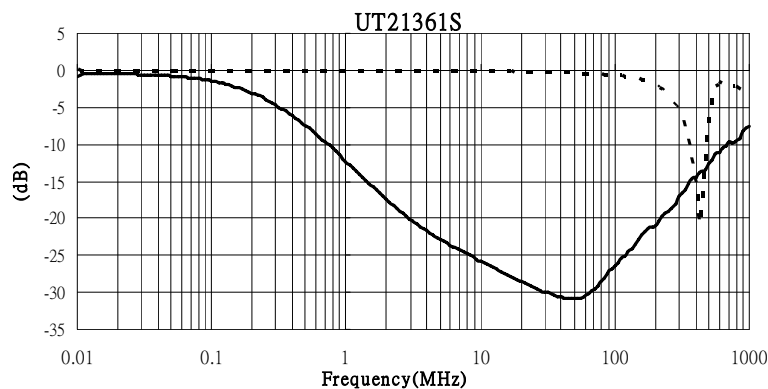
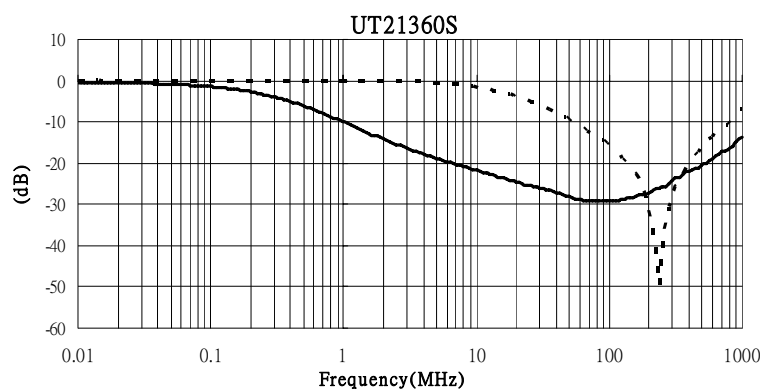
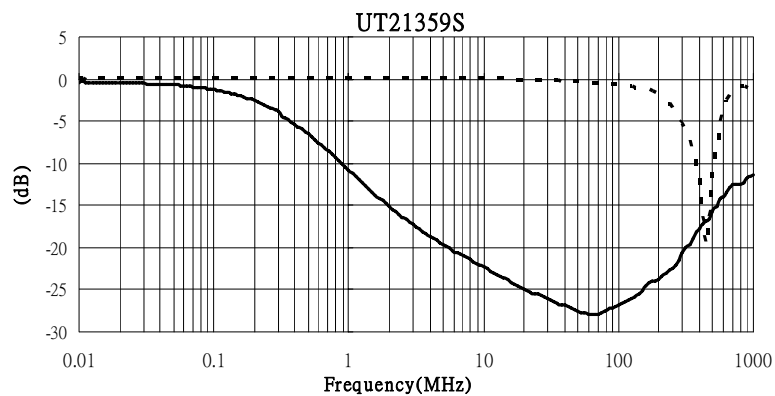


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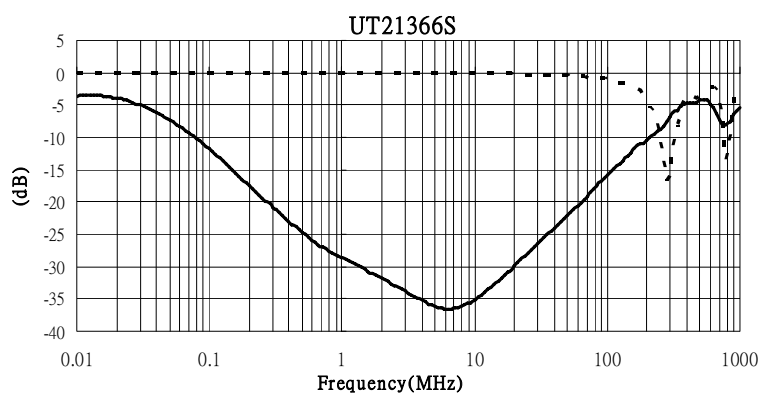
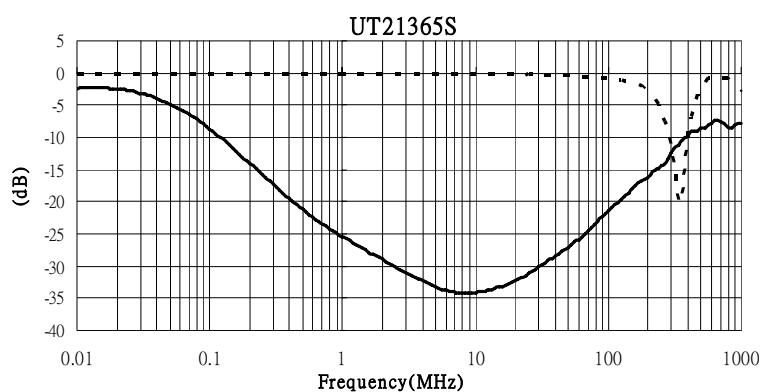
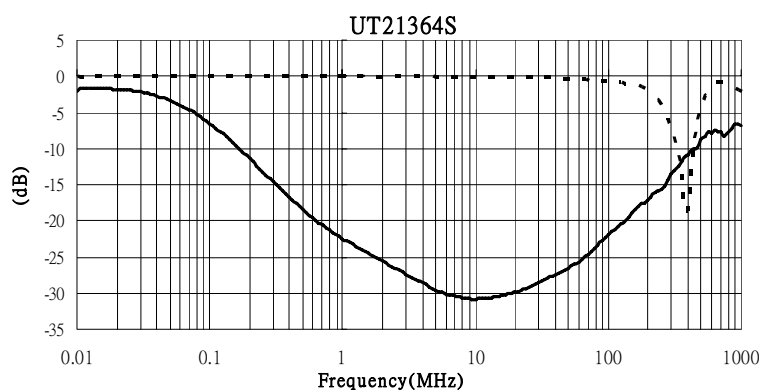
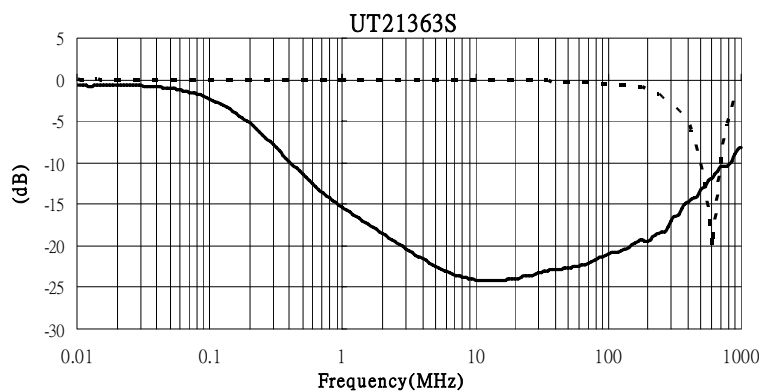


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