

RF TRANSFORMERS

- Transformers for wideband RF applications
- Various impedance ratios available
- Excellent insertion loss
- 50Ω system, bandwidth from 0.15 to 1000 MHz
- Balanced to unbalanced applications
- RoHS compliant and peak reflow temperature 250°C

Electrical Specification @25°C:

Model No.	Impedance Ratio Pri:Sec	Turns Ratio Pri:Sec	Bandwidth (MHz TYP)			Schematic	Primary Pins
			3dB	2dB	1dB		
UT10531S	1:4	1:2CT	3-800	5-400	10-100	A	6-4
UT10622S	1:1	1:1	0.4-500	0.5-300	1-100	B	6-4
UT10623S	1:1	1:1	0.15-350	0.25-250	0.3-150	B	6-4
UT10634S	1:1	1:1	1.5-500	2.5-400	—	B	6-4
UT10624S	1:1.5	1:1.225CT	0.5-550	1-350	2-200	A	6-4
UT10625S	1:2	1:1.414CT	—	—	3-300	A	6-4
UT10626S	1:3	1:1.732CT	—	—	5-300	A	6-4
UT10627S	1:4	1:2CT	—	0.5-300	1.5-100	A	6-4
UT10628S	1:4	1:2CT	1.5-600	2-400	3-350	A	6-4
UT10635S	1:4	1:2	—	2-1000	2-400	E	4-6
UT10629S	1:8	1:2.828CT	2-500	5-400	10-100	C	6-4
UT10630S	1:9	1:3CT	2-200	3-100	5-40	A	6-4
UT10631S	1:16	1:4	20-300	30-200	50-150	D	1-3

Notes: 1. For RoHS compliant products, the ordering code (Manufacturer Part Number): TG-Model No. ex. TG-UT10531S.
 2. Operating temperature range -40°C to +85°C
 3. Power Rating 30 mA Max ; 0.25 W Max



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3,27TH RD.,TAICHUNG INDUSTRIAL PARK,
 TAICHUNG,TAIWAN,R.O.C



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



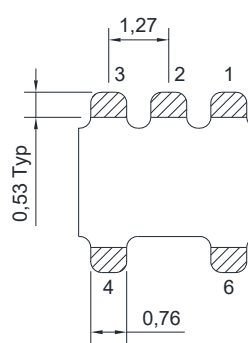
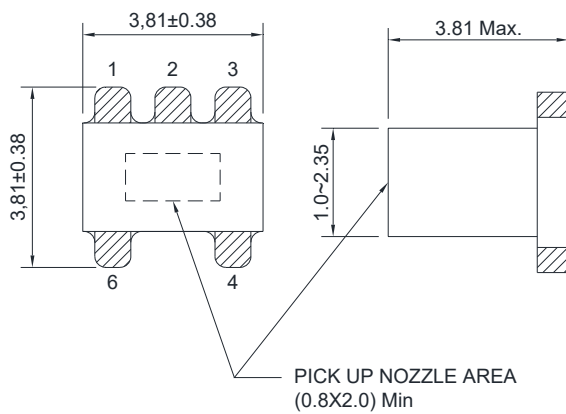
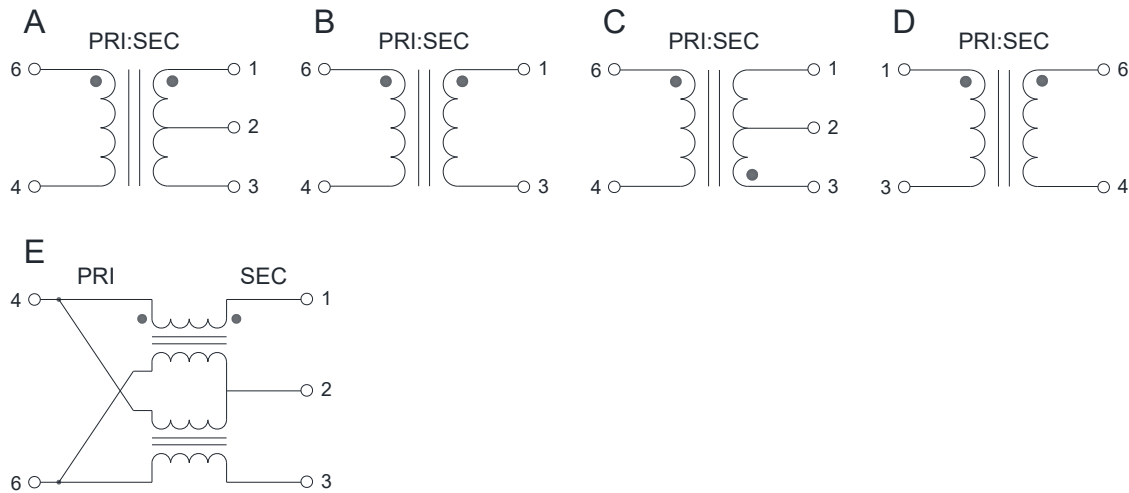
Tél. 01 47 95 99 89
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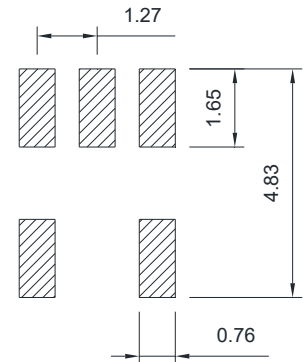
e-mail : comp@es-france.com
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RF TRANSFORMERS

Mechanicals & Schematics:



BOTTOM VIEW



SUGGESTED PAD LAYOUT

Unit: mm
Tolerance: ±0.2mm

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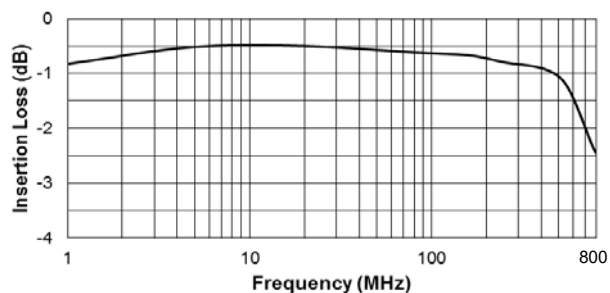


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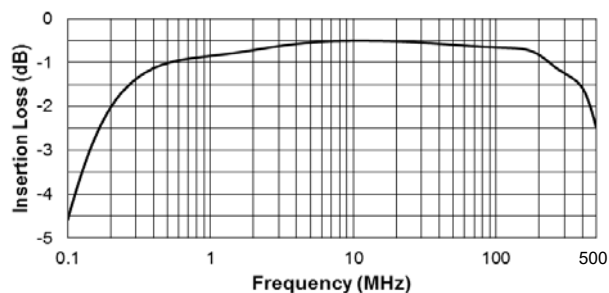
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Insertion Loss (typical values at $Z=50\Omega$)

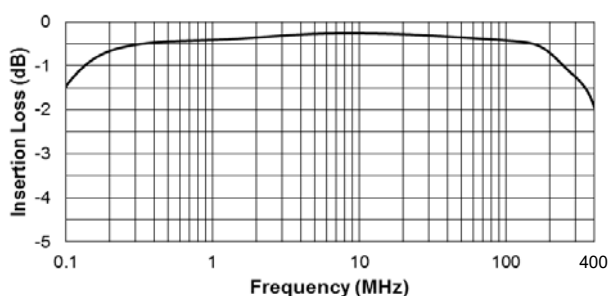
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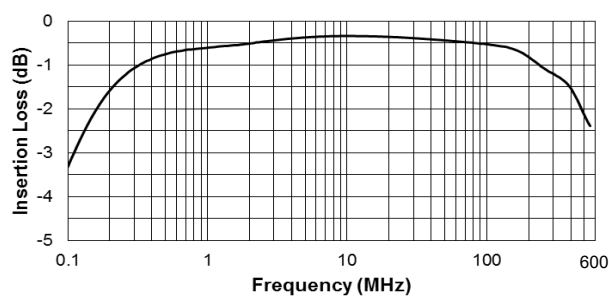
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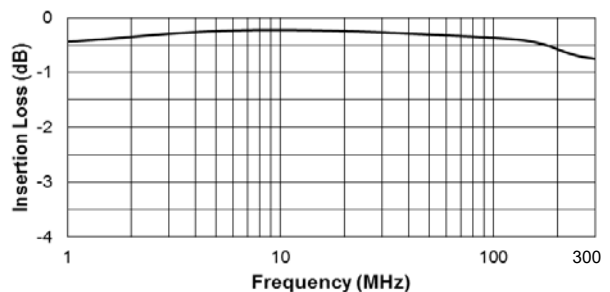
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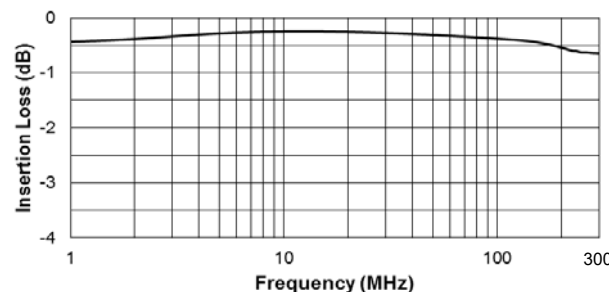
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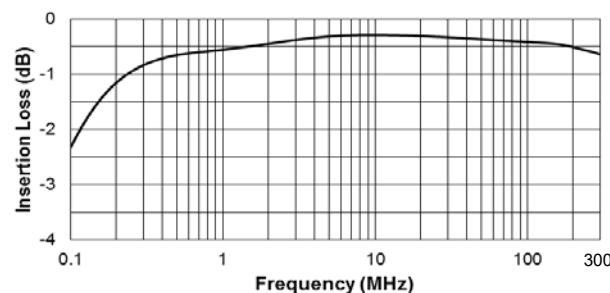
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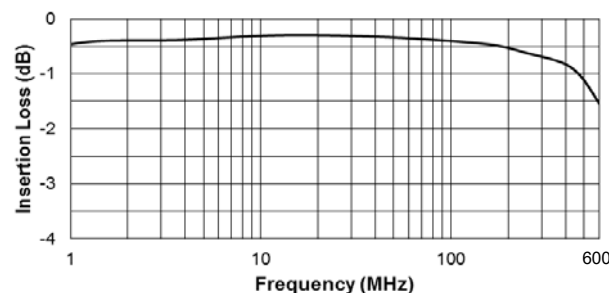
UT10626S



UT10627S



UT10628S



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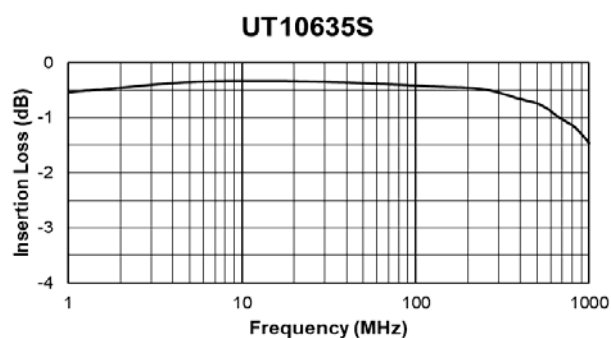
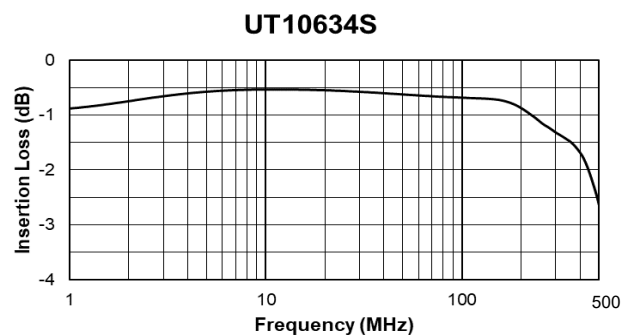
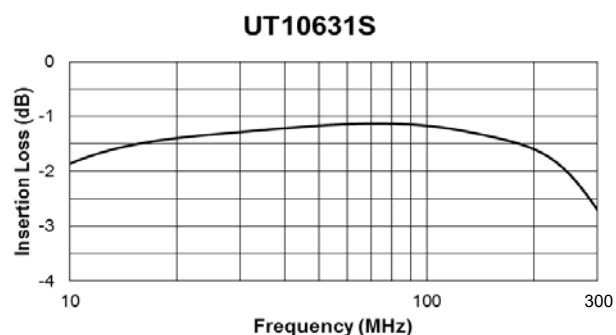
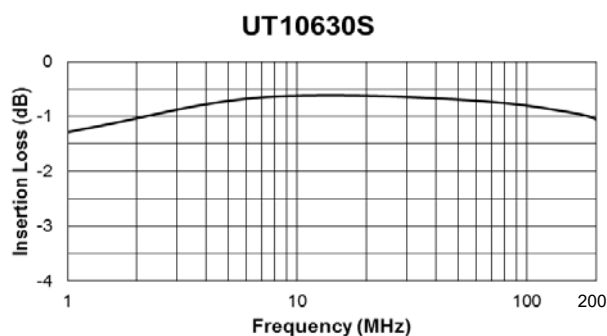
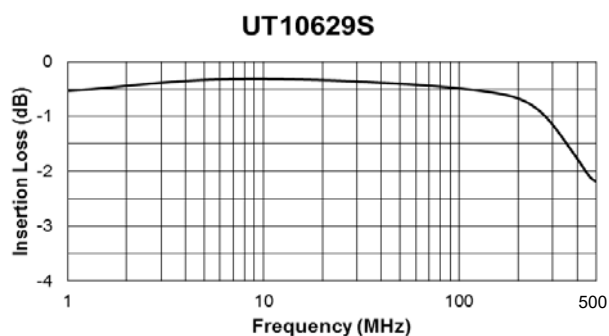


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