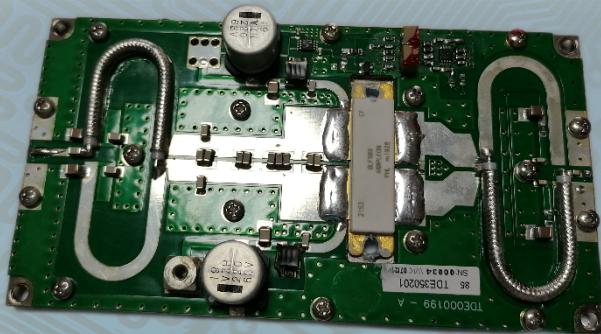


Broadcasting



TDE900UHF

Characteristics

TDE900UHF is a broadband UHF high power amplifier, based on BLF989 device in a SOT539A ceramic package.

TDE900UHF works in AB class and it is able to cover the whole frequency band 470-700 MHz.

MAIN FEATURES

- High Ruggedness
- High Gain
- High Efficiency
- High Linearity
- Suitable for Analog TV

DVB-TT2 Performance Summary

Parameter	Min.	Typ.	Max.	Units	Note
Power	130	140	150	W_{rms}	
Frequency Range	470		700	MHz	
Gain	18	19		dB	
Input Return Loss		-13		dB	
Voltage Supply		48	50	V_{dc}	
Bias Current		1.2		A	
Shoulders Level	-31			dB_c	(*)
Efficiency	30			%	(**)

Notes



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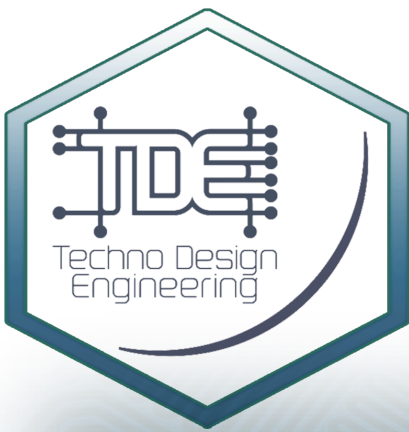


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Screws Type



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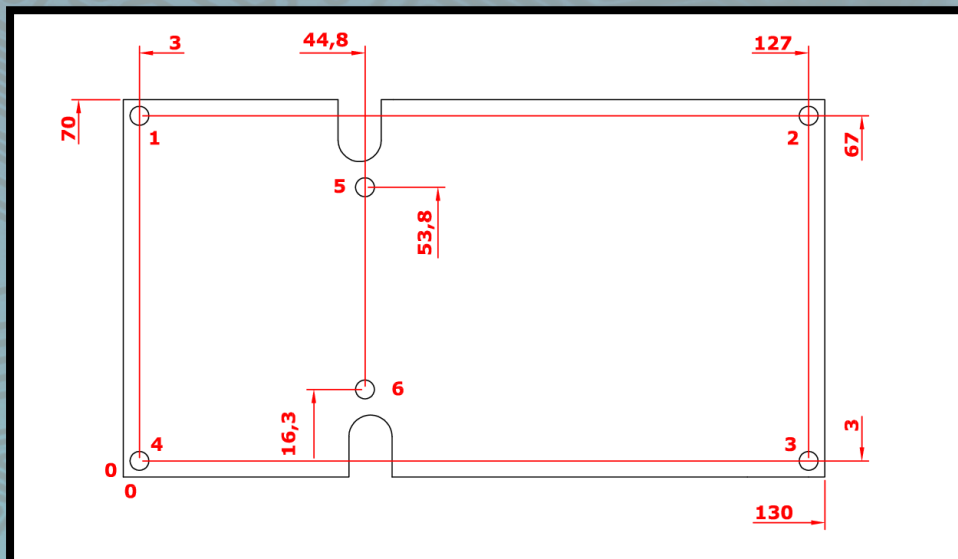
Broadcasting

(*) The shoulder level is referred to typical power out without pre-correction

(**) The efficiency is referred to typical power out without pre-correction

- **Screws point 1-2-3-4-5-6**
M3 socket head cap screws
+ 6 split lock washers WZ \varnothing 3.5
+ 6 flat washers WZ \varnothing 3.5

Mechanical Specifications



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