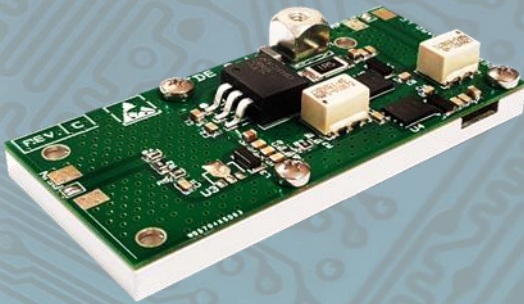


# Broadcasting



## TDE001UHF

### Characteristics

#### TDE001UHF

is a broadband low power amplifier, based on class A monolithic devices PHA-202+ and TQP3M9028.

#### TDE001UHF

works in A class and it is able to cover the whole frequency band 2-1000 MHz.

#### MAIN FEATURES

- High Gain
- High Linearity

### DVB-T/T2 Performance Summary

Parameter	Min.	Typ.	Max.	Units	Note
Power	200	250		mW <sub>rms</sub>	
Frequency Range	2		1000	MHz	
Gain	27	30		dB	
Input Return Loss		-15		dB	
Voltage Supply		12		V <sub>dc</sub>	
Bias Current		0.8		A	
Shoulders Level	-30			dB <sub>c</sub>	(*)
Efficiency	10			%	(**)



tde@tdeitaly.com



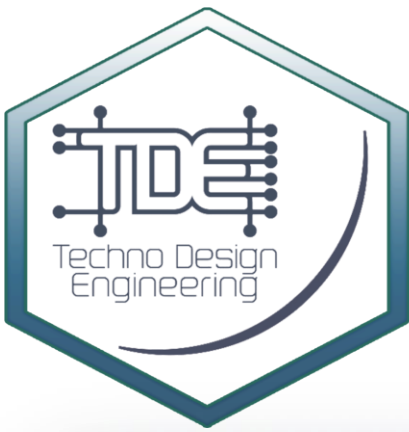
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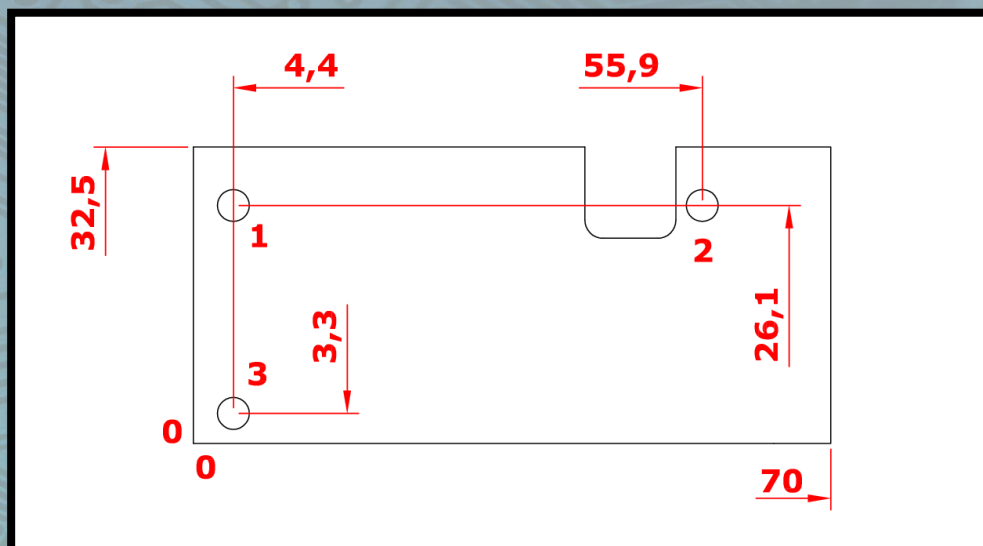
## Notes

- (\*) The shoulder level is referred to typical power out
- (\*\*) The efficiency is referred to typical power out

## Screws Type

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

## Mechanical Specifications



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