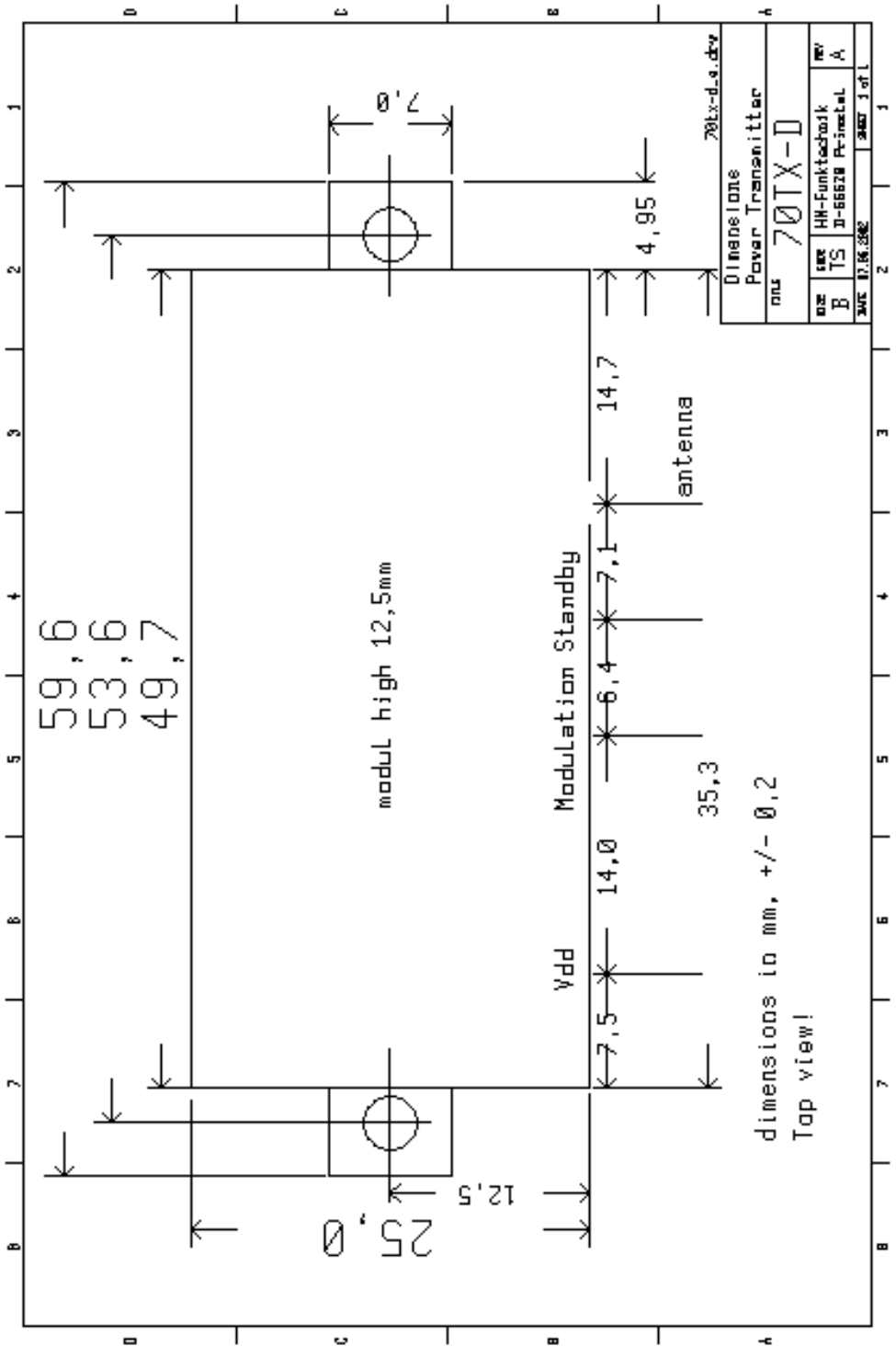
UHF - FM PLL Power Transmitter 70TX-D

a.) Fitting dimensions of the power transmitter:



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b.) Connector pin list:

Vdd	Power supply input of the modul **5 – 8 V DC stabilized**, minimum voltage 4,6 V (f..e. 4x 1.2 V NiCd or NiMH), absolut maximum voltage 12.0 V only allowed with duty cycle (**pay attention to the heating!**), 78x12 not recommended because of voltage variation, internal low drop voltage stabilization to 4.6V and 5.8 V (power amplifier), **no reverse voltage protection**
Modulation	modulation input of the modul **TTL compatibel 5 Vpp** (with a DC offset of 2,5 V or AC coupled)
Standby	standby function of the modul The standby mode must be enabled before you power-up the **Vdd** voltage. Otherwise you may produce radio frequency interferences. After a dead time of minimim 25ms you may start the transmitting mode. To disable the transmitting mode again enable first the standby mode and then power-down the input voltage **Vdd.** **Pin open = transmitting mode, pin to ground = standby mode** **Do not put some voltage to this input!**
GND	the complete case is the ground of the modul