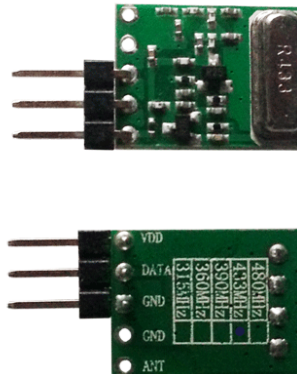


DRA888TX LOW POWER ASK TRANSMITTER MODULE

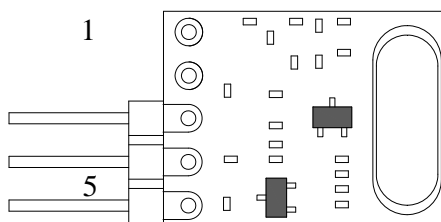
V1.10

DESCRIPTION

DRA888TX is a type of low cost ASK transmitter module which is designed with SAW resonator and discrete components for cost-efficient solutions.. It can be used in wireless door opener, robot control, security alarm and related applications.



PIN FUNCTIONS



PIN	Name	Description
1	ANT	Antenna port
2	GND	Ground(0V)
2	GND	Ground(0V)
4	DATA	Data input
5	VDD	Power pin

Table 1: DRA888TX Pin Functions

ELECTRICAL SPECIFICATIONS

Symbol	Parameter (condition)	Min.	Typ.	Max.	Units
VDD	Supply Voltage	2.2	3.0	5.5	V
Freq	Frequency range		433.92		MHz
Pout	Output power. @ 3V @ 5V		12 17		dBm
DR_ASK	ASK data rate	0.3	4.8	9.6	kbps
Temp	Operating temperature range	-20	25	70	°C
IDD_T	Current in transmit mode. @ 3V @ 5V		24 40		mA
IDD_S	Current in sleep mode		1		uA
ZANT	Antenna impedance		50		Ohm

Table 2: DRA888TX Electrical Specifications

MECHANICAL DATA

Unit:mm

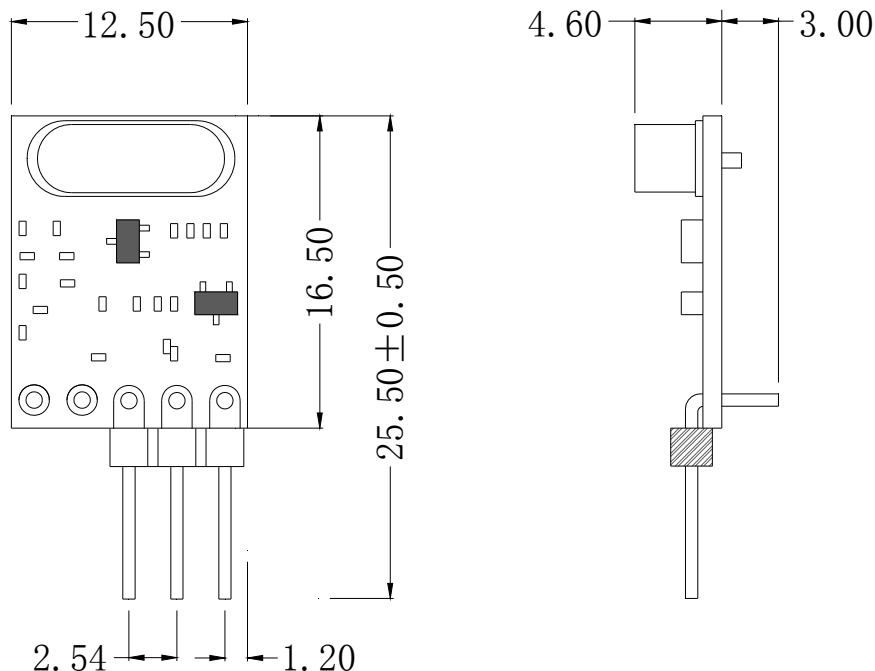


Figure 1: DRA888TX Mechanical Dimension

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