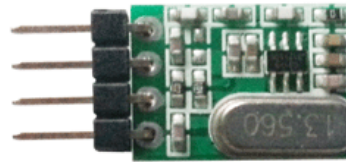


DRA885TX
MEDIUM POWER ASK TRANSMITTER MODULE

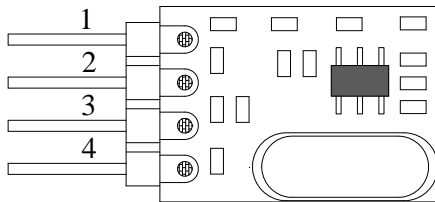
V1.10

DESCRIPTION

DRA885TX is a type of low cost ASK transmitter module which is based on RFIC DRA113 which minimizes the board size and improves the stability against interferences. 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	VDD	Power pin
3	DATA	Data input
4	GND	Ground(0V)

Table 1: DRA885TX Pin Functions

ELECTRICAL SPECIFICATIONS

Symbol	Parameter (condition)	Min.	Typ.	Max.	Units
VDD	Supply Voltage	1.8	3.0	3.6	V
Freq	Frequency range		433.92		MHz
Fo	Frequency offset		±50		KHz
Pout	Output power @ 3V		10		dBm
DR_ASK	ASK data rate	0.3	5	9.6	kbps
Temp	Operating temperature range	-20	25	70	°C
IDD_T	Current in transmit mode @ 10dBm		12		mA
IDD_S	Current in sleep mode		1		uA
ZANT	Antenna impedance		50		Ohm

Table 2: DRA885TX Electrical Specifications

MECHANICAL DATA

Unit:mm

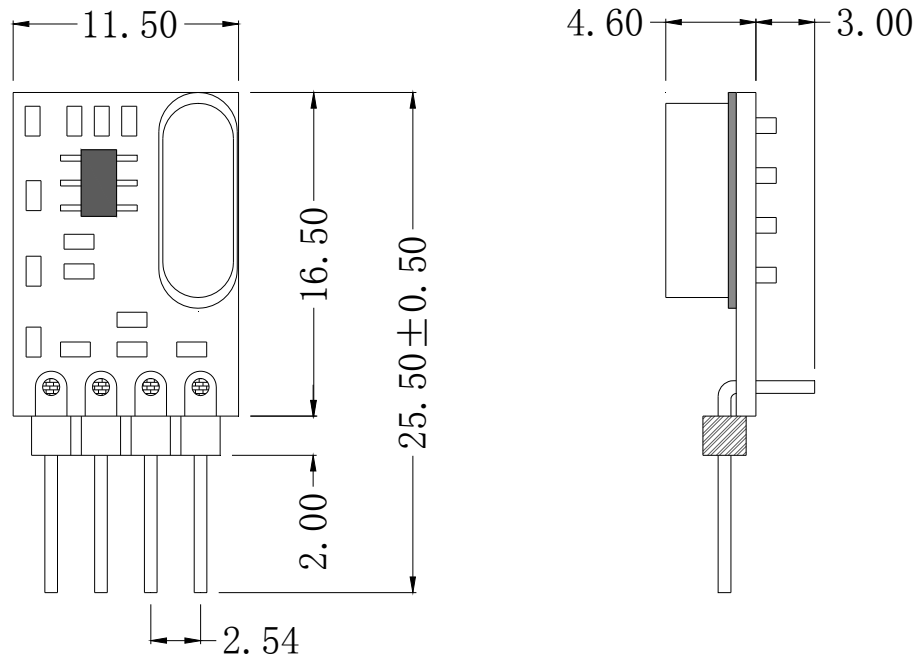


Figure 1: DRA885TX Mechanical Dimension

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