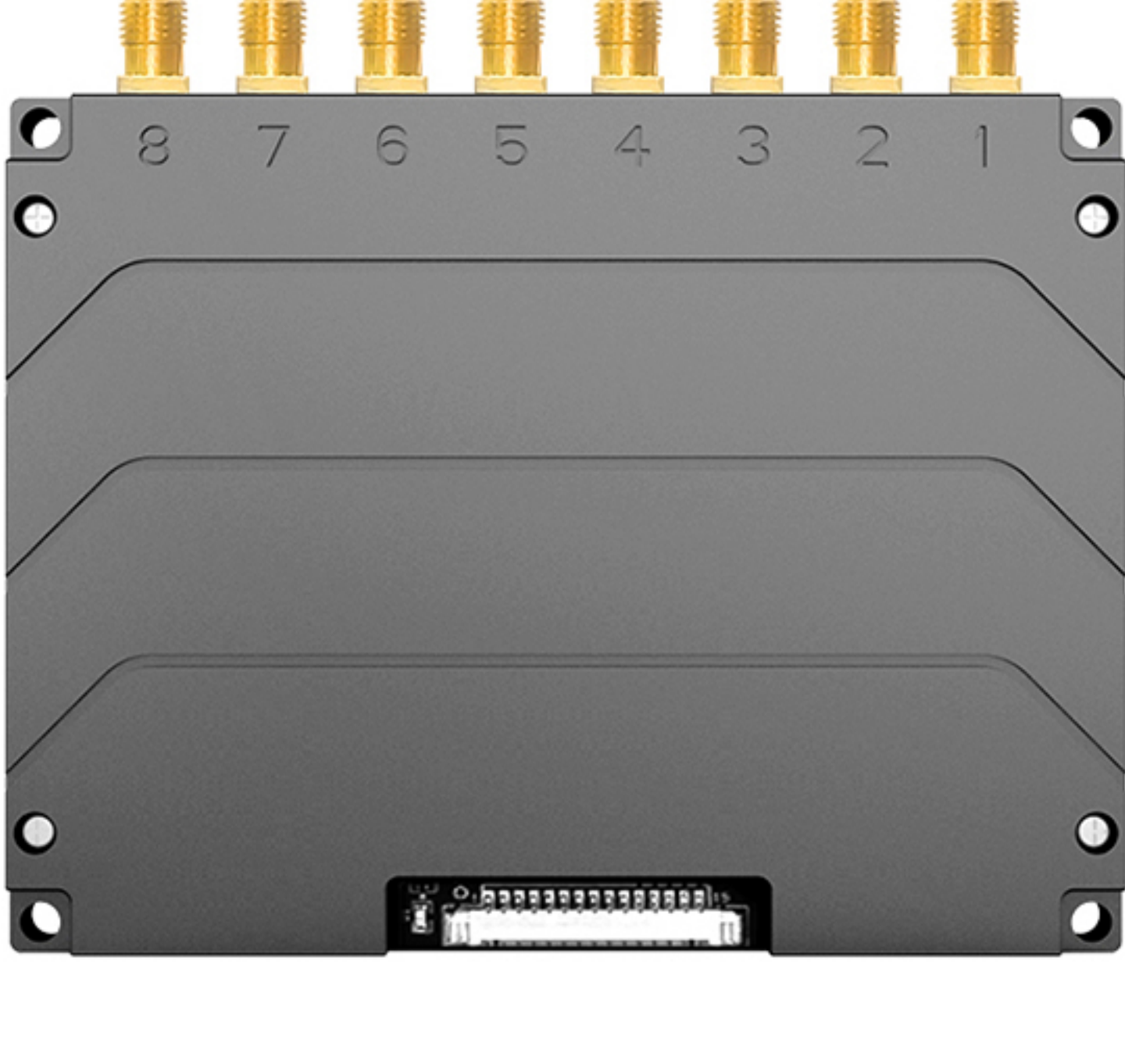


UHF RFID Impinj E710 module with eight antenna port

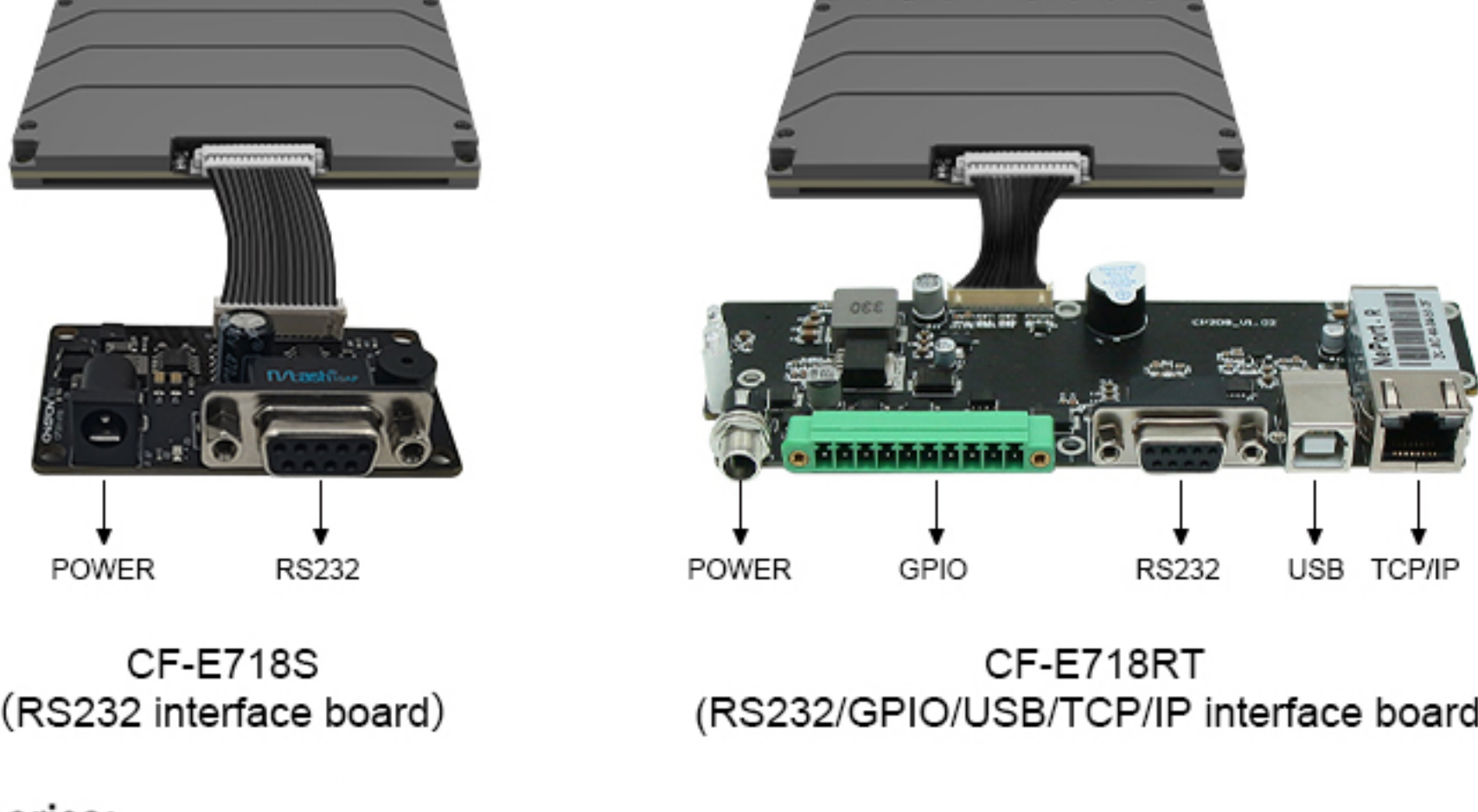


Product technical parameter

Model	CF-E718 CF-E718S(RS232 interface board) CF-E718RT(RS232/GPIO/USB/TCP/IP interface board)
Chipset	Impinj E710
Frequency	902~928MHz(US) 865~868MHz(EU)
Protocol	ISO18000-6C (EPC GEN2)
RF power	33dBm(adjustable)
Receive Sensitivity	≤-86 dBm
Inventory speed	1000pcs/s
Work mode	answer mode/real-time inventory mode
Read distance	0~10m(depends on antenna and tag)
Power supply	3.8~5V
Interface	RS232(3.3V TTL level)
Antenna ports qty	With eight antenna ports
Connector for antenna	SMA
GPIO	2 input and 2 output
Firmware upgrading	Support
Operation temperature	-20~+55℃
Storage temperature	-40~+85℃
Size	91mmx69.5mmx7.75mm
Weight	128g

Detailed image

01 Interface board:

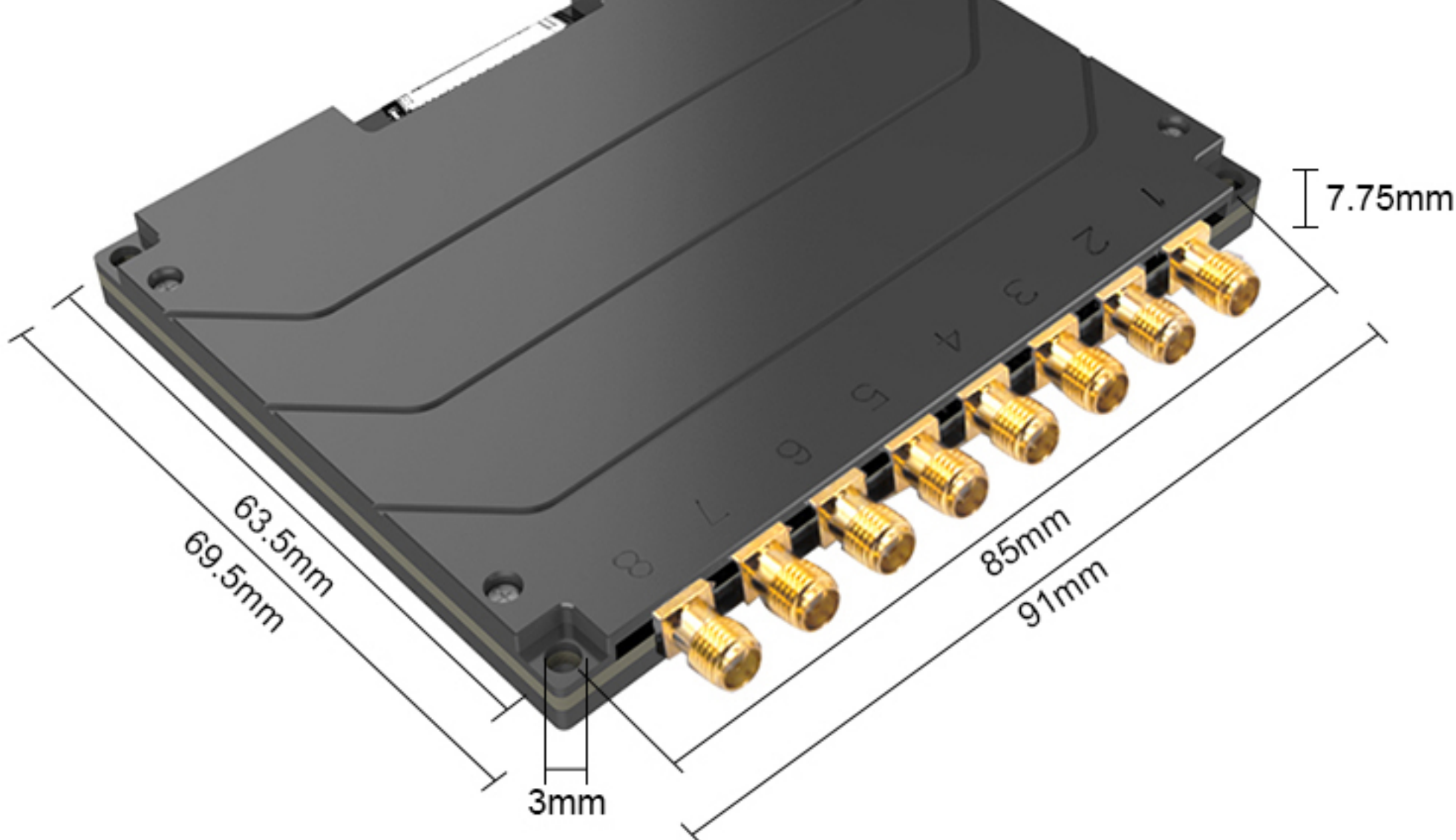


Accessories:

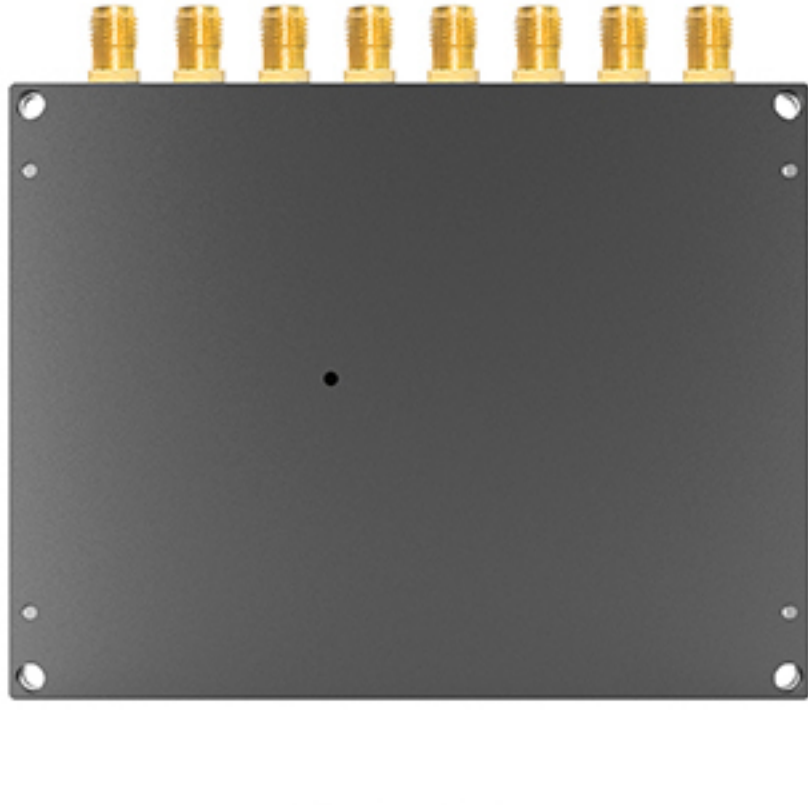
No.	1	2	2	2	3
Name	Power adapter	US plug	EU plug	CHN plug	RS232
Image					

02 Module dimension:

- Size: 91mmx69.5mmx7.75mm
- Weight: 128g

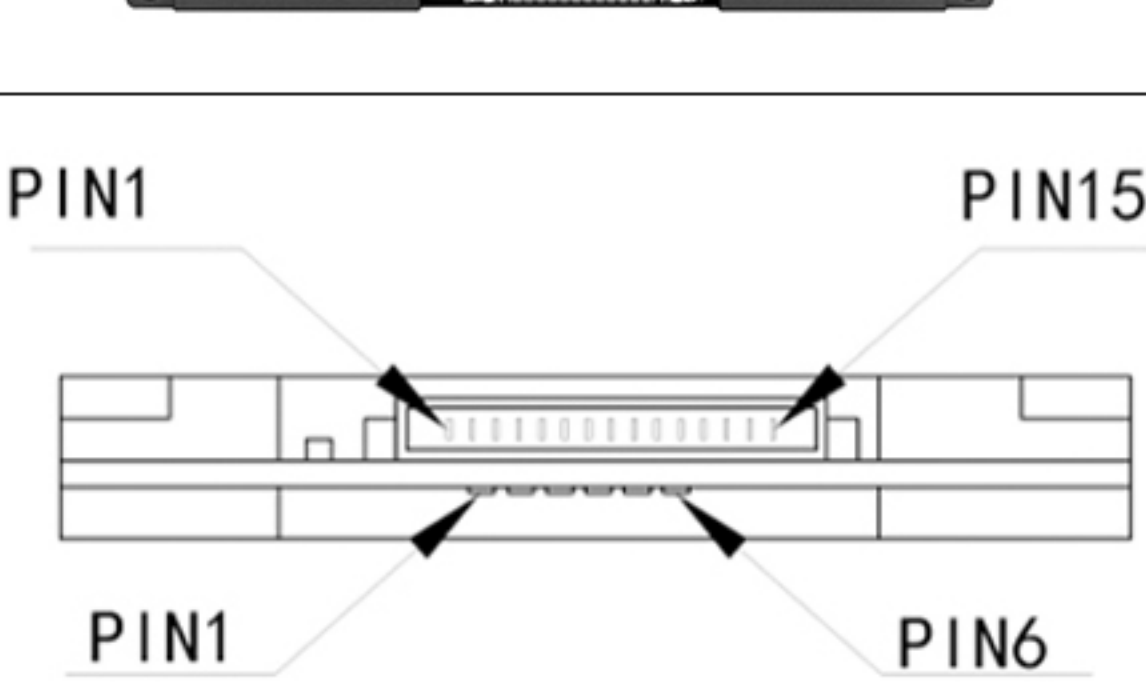


Front side



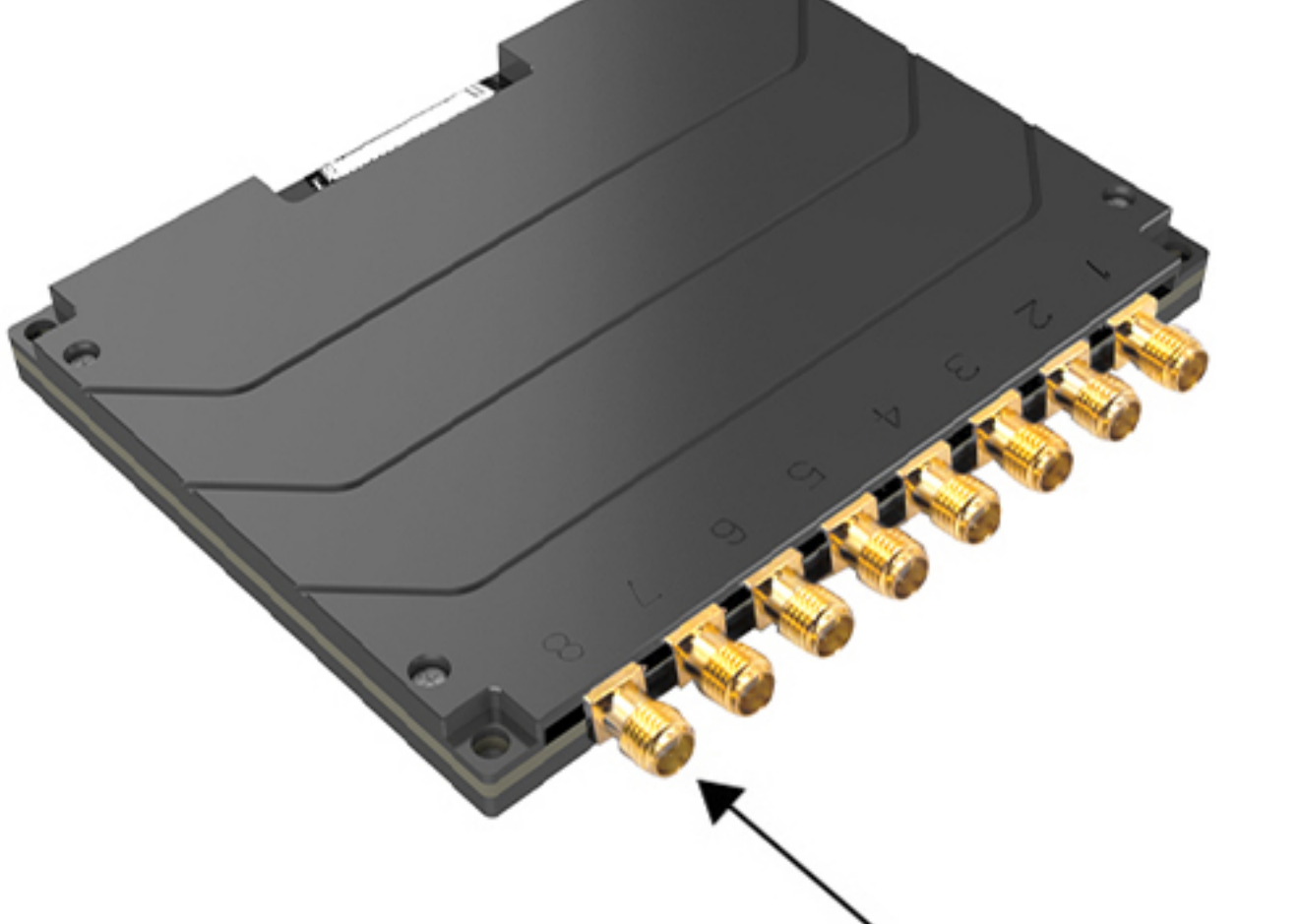
Back side

03 Host Interface



Socket No.	Pad No.	Symbol	Comment
1	1	GND	Ground
2	1	GND	
3	2	VCC	Power Supply
4	2	VCC	
5	4	GPO1	General output (3.3V TTL level)
6		GPO2	
7		GPI1	General input (3.3V TTL level)
8		BUZZER	Buzzer driver output, high level effective. Current sourcing over 50mA
9	5	RXD	Serial data input
10	6	TXD	Serial data output
11		Reserved	Reserved
12		Reserved	
13		GPI2	General input (3.3V TTL level)
14	3	EN	Enable. High level effective with internal 10kOhm resistor pulled up to VCC
15		RS485_CTRL	RS-485 direction control

04 Antenna Interface



SMA Female head