

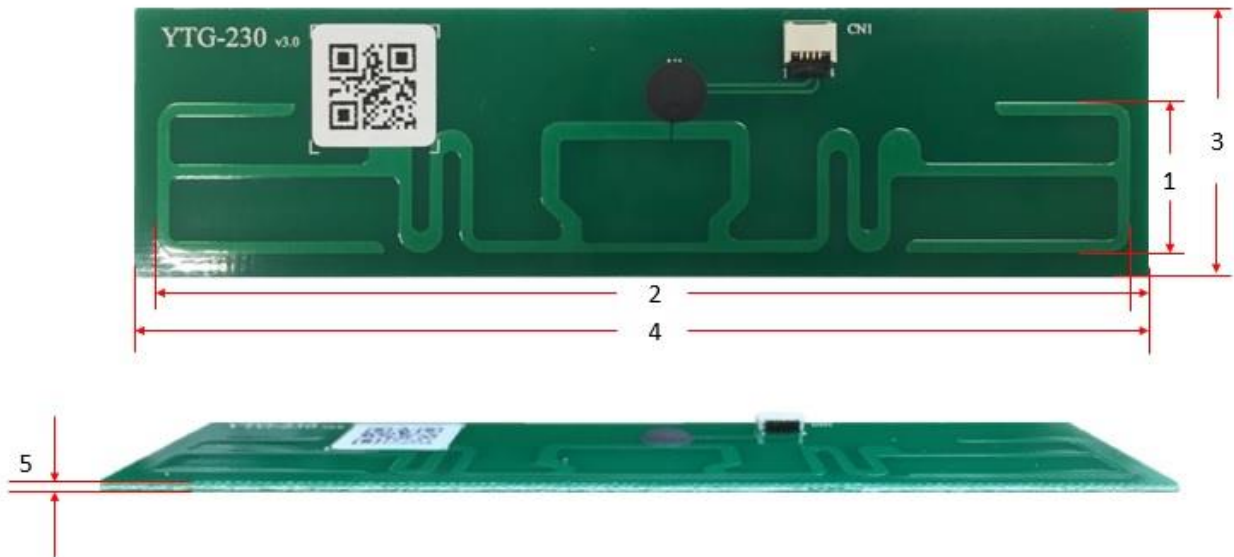


RFID UHF Tag Data Sheet

Tag Classification	PCB Tag (I ² C slave interface)	
Compliance Standard	EPC Class1 Gen2	
Operating Frequency	902-928 MHz	
Operating Mode	Passive	
Data Transfer Rate	Up to 640 kbps	
I²C transfer data rates	400 kbps	
Manufacture	Copper Etching Antenna	
Antenna Dimension	79.5 mm × 12.3 mm	
Label Dimension	83.5 mm × 22 mm	
Storage Temperature	-40 to 85 °C Non-condensing	
Operating Temperature	-25 to 85 °C Non-condensing	
Recommended Storage	30% ~ 95% (Limits)	
ESD (HBM)	± 2,000 V	
Chip IC type	Impinj Monza X-8K Dura	
Memory	EPC	128 EPC Bits
	User	8192 User Bits
	TID	96 Bits Unique TID
	Password	32 Bit Access and 32 Bit Kill Password
	EEPROM data retention	10 years
	EEPROM write endurance	100,000 cycles
	Password Authentication	Yes
	Read Lockable Memory	Yes



Label Drawing



NO.	Item	Dimension
1	Antenna Length	12.3 ± 0.5 mm
2	Antenna Width	79.5 ± 0.5 mm
3	Label Length	22 ± 0.5 mm
4	Label Width	83.5 ± 0.5 mm
5	Label Thickness	0.8 ± 0.5 mm

Label Structure

