



RFID UHF Tag Data Sheet

Tag Classification	Item Level Tag	
Compliance Standard	EPC Class1 Gen2	
Operating Frequency	860-960 MHz	
Operating Mode	Passive	
Data Transfer Rate	Up to 640 kbps	
Manufacture	Aluminum etching	
Antenna Dimension	12 mm × 12 mm	
Label Dimension	16 mm × 16 mm	
Storage Temperature	-40 to 85 °C Non-condensing	
Operating Temperature	-40 to 65 °C Non-condensing	
Recommended Storage	30% ~ 85% (Limits)	
ESD (HBM)	± 2,000 V	
Read Distance	up to 0.28 Meter	
Chip IC type	Impinj Monza 4E	
Memory	EPC	496 Bits
	User	128 Bits
	TID	48 Bit TID / 48 Bit Unique TID
	Password	32 Bit Access and 32 Bit Kill Password
	EEPROM data retention	50 years
	EEPROM write endurance	100,000 cycles

