

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	27 mm × 9.7 mm	
Label Dimension	31 mm × 14.7 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	
Chip IC type	Alien Higgs-3	
Memory	EPC	96 EPC Bits, Extensible to 480 Bits
	User	512 User Bits
	TID	64 Bit 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

