

## RFID UHF Tag Data Sheet

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

