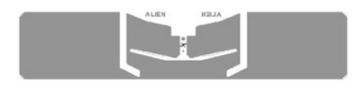
Product Specifications





UHF RG-15 Label

Electrical

ProtocolEPC Class 1 Gen 2AntennaEtched AluminumOperating ModeUHF PassiveOperating Frequency860-960MHzIC TypeAlien Higgs 9MemoryID : 48 bits EPC : 96 - 496 bits User : Up to 688 bitsData retention Write endurance50 yearsID : 48 Alien Meters from a Fixed Logo00 cyclesRead Range*Up to 10 Meters from a Fixed Handheld Reader		
Operating ModeUHF PassiveOperating Frequency860-960MHzIC TypeAlien Higgs 9IC TypeTID : 48 bits EPC : 96 - 496 bits User : Up to 688 bitsData retention50 yearsWrite endurance100,000 cyclesRead Range*. Up to 10 Meters from a Fixed Reader . Up to 5 Meter from a	Protocol	EPC Class 1 Gen 2
Operating Frequency860-960MHzIC TypeAlien Higgs 9IC TypeTID : 48 bits EPC : 96 - 496 bits User : Up to 688 bitsData retention50 yearsWrite endurance100,000 cyclesRead Range*. Up to 10 Meters from a Fixed Reader . Up to 5 Meter from a	Antenna	Etched Aluminum
Frequency860-960MHzIC TypeAlien Higgs 9MemoryTID : 48 bits EPC : 96 - 496 bits User : Up to 688 bitsData retention50 yearsWrite endurance100,000 cyclesRead Range*· Up to 10 Meters from a Fixed Reader · Up to 5 Meter from a	Operating Mode	UHF Passive
MemoryTID : 48 bits EPC : 96 - 496 bits User : Up to 688 bitsData retention50 yearsWrite endurance100,000 cyclesWrite endurance• Up to 10 Meters from a Fixed Reader • Up to 5 Meter from a		860-960MHz
MemoryEPC : 96 - 496 bits User : Up to 688 bitsData retention50 yearsWrite endurance100,000 cycles• Up to 10 Meters from a Fixed Reader • Up to 5 Meter from a	ІС Туре	Alien Higgs 9
Write endurance100,000 cycles• Up to 10 Meters from a Fixed Reader • Up to 5 Meter from a	Memory	EPC : 96 - 496 bits
 • Up to 10 Meters from a Fixed Read Range* • Up to 5 Meter from a 	Data retention	50 years
Read Range* • Up to 5 Meter from a	Write endurance	100,000 cycles
	Read Range*	Reader • Up to 5 Meter from a

* Read Range is based on ERP of reader antenna

Customization Options

Encoding	Serialized or Variable
Printing	Barcode, QR Code, Logo Etc.
Adhesive	3M or Others (Depending upon volumes)
IC	Various Options Available, Depending upon Application
Versions	 Paper/ Polyester Label With Security Die-Cuts

Features

- Operates effectively with a very good read range when attached Off to metal surfaces
- Flexible Read/Write Range (reader dependent)
- Great Performance & Strong adhesive

Applications

With innovative antenna design and customized printing compatibility, the RG-15 Label is ideal for applications such as:

- Automatic Vehicle Identification
- Logistics & Supply Chain
- Trolley/ Pallet Tracking
- Asset Tracking

Physical

Die-Cut Size in MM	102 x 25 ± 0.5
Antenna Size in MM	93 x 19 ± 0.5
Web Width in MM	110 ± .05
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Material	Coated Paper/ PET
Core Size	3" (76.2mm)