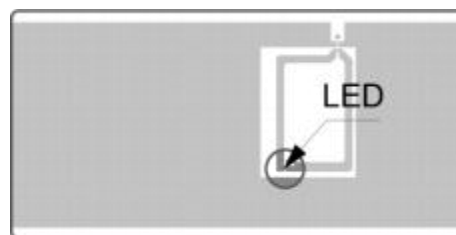## KEYDATA

Chip: KX2005XBL

Antenna size: 120 × 27 mm

Tag size: 60 × 30 × 1.4 mm

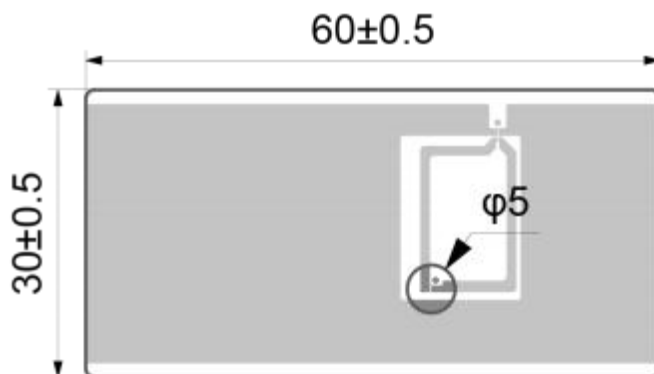Format: Flexible On-metal Tag
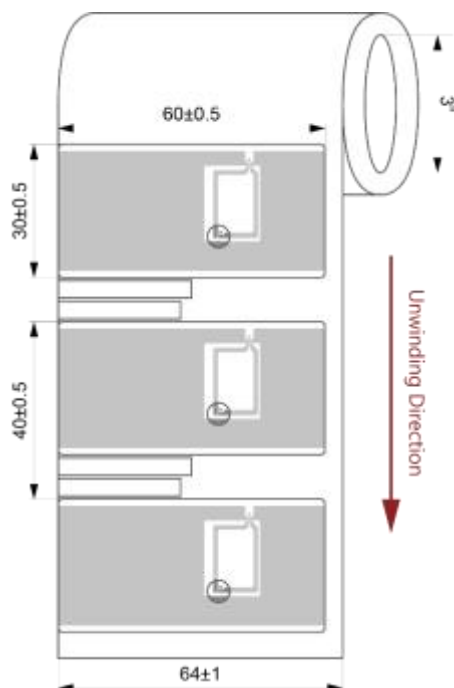

Flexible On-metal RFID LED Tag

APPLICATION
Asset Management, Item Finding
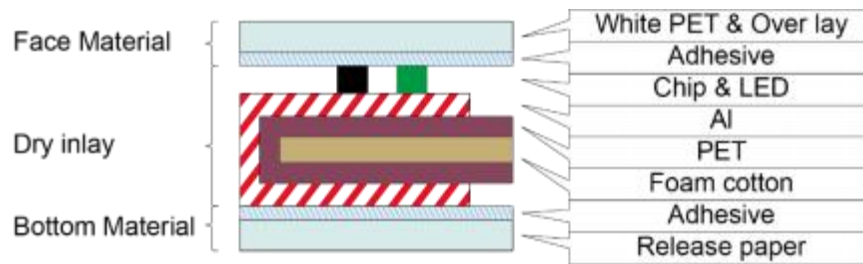
DIMENSION

ORIENTATION

Physical Characteristics	Dimension
Tag size	60 × 30 × 1.4 mm
Tag Pitch	40 mm
Release Paper Width	64 mm
Reel Detail	Outer Dimeter: < 250 mm Inner core diameter: 3" (76.2mm) Core thickness: 5 ± 2 mm

STRUCTURE

Face Material		White PET & Over lay
		Adhesive
		Chip & LED
Dry inlay		Al
		PET
		Foam cotton
Bottom Material		Adhesive
		Release paper

ELECTRICAL CHARACTERISTICS

Item		Description
Manufacture / IC		Kiloway / KX2005XBL
Antenna		Etched Al (10 μm) +PET (50 μm)
Protocol		ISO/IEC 18000-6C & EPC Class1 Gen2
Memory	EPC	160 bits
	USER	1312 bits
	TID	96 bits
	Reserves	Kill Password – 32 bits
		Access Password – 32 bits
Frequency		860 ~ 960MHz
Operation Mode		Passive
LED Color		Green
IC Life		OTP, > 10 years
ESD Voltage Immunity		Max. 2000V

ENVIRONMENTAL REQUIREMENT

* Operating Temperature / Humidity: -5°C ~ 60°C / 20% ~ 80% RH.
* Storage Temperature / Humidity: 20°C ~ 30°C / 20% ~ 60% RH.
* Shelf Life: From the date of manufacture, 1 year in anti-static bag at 20 ~ 30 / 20% ~ 60%RH, and avoid direct sunlight exposure.

PACKAGING

Reference Packing: Anti-static bag with zipper. 300±10 Pcs/Roll, 4 rolls/ctn (Actual Qty as per shipping mark).