



# GLIMMER LOOP

## UHF RFID LABEL

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Designed for elegance and efficiency, the **Vulcan RFID Glimmer Loop** is purpose-built for jewelry identification and high-value item tracking. Where traditional adhesive tags fall short, the Glimmer's **secure loop** attachment provides a non-invasive tagging solution that keeps jewelry pristine while delivering dependable, item-level reads.

Its loop-based design makes the **Vulcan RFID Glimmer** a natural fit for rings, necklaces, bracelets, watches, and other fine goods, attaching cleanly without adhesive residue or interference with product presentation. Whether deployed across display cases, during transit, or throughout the supply chain, the **Vulcan RFID Glimmer** integrates seamlessly into jewelry workflows without disrupting the customer experience.

Powered by the **NXP UCODE 9** chip, the **Vulcan RFID Glimmer** features an automatic self-adjust function that **optimizes sensitivity for maximum performance** across varying environments. Built for speed and accuracy, the **Vulcan RFID Glimmer** supports fast inventory of **dense tag populations**, making daily counts effortless and precise.

The **Vulcan RFID Glimmer** is an ideal choice for:

- Jewelry Retail & Inventory Management
- Rings, Necklaces, Bracelets, & Watches
- High-Value Asset Tracking & Loss Prevention





# Specifications

<b>ELECTRICAL</b>	Operating Frequency:	Global (860-960 MHz)
	Air Interface Protocol:	UHF ISO-18000-6C
	IC Type:	NXP UCODE 9
	Memory:	EPC 96 Bits, User 0 Bits, TID 96 Bits
	EPC Memory Content:	Unique, Synchronized
	Max Read Distance:	Testing Recommended
	Applicable Surface Materials:	Metal, Plastic, Wood

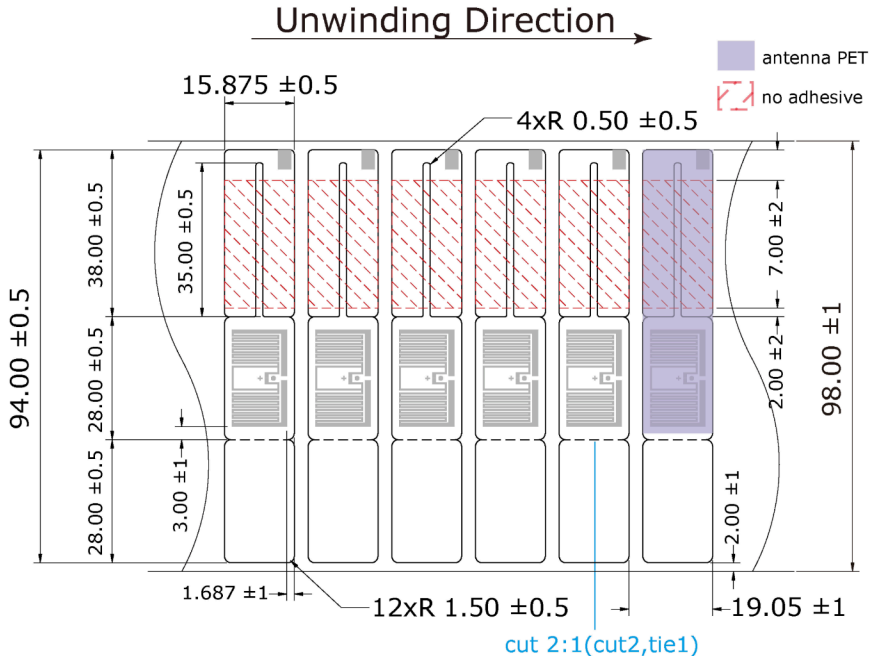
<b>MECHANICAL</b>	Tag Form Factor:	Loop Label
	Tag Materials:	Glossy PET
	Recommended Ribbon:	Resin Ribbon
	Attachment Method:	Loop
	Dimensions (Tag Face):	28 x 15.875 x 0.217 mm (1.102 x 0.625 x 0.009 in)
	Dimensions (Loop):	35 x 0.50 x 0.217 mm (1.38 x 0.020 x 0.009 in)
	Weight:	1 g (0.002 lbs)
	Core ID:	76.2 mm (3 in)
	External Roll Diameter:	170 mm (6.69 in)
	Quantity per Roll:	3000 Tags

<b>ENVIRONMENT</b>	Operating Temperature:	-40° to +85°C (-40° to +185°F)



# Diagrams

## Layout and Dimensions (mm)



## Construction (Thickness: mm; Tolerance: +/-10% per layer )

0.05		Glossy White PET with adhesive(BYMC00050)
0.062		Inlay
0.04	chip	Hot melt adhesive(BYJC00001)
0.065		Silicon Paper(BYMC00030)



# About Vulcan RFID Products

Vulcan RFID offers a broad range of innovative RFID readers, antennas, custom RFID tags, and accessories suited for a wide variety of industries and applications. Designed to deliver superior accuracy and reliability, Vulcan RFID products offer exceptional flexibility and performance. Vulcan RFID delivers an extensive product portfolio that includes both UHF and NFC products that support a large variety of market solutions. Manufactured to withstand environments ranging from mild to extreme, Vulcan RFID products enable end-users to reach and sustain high levels of performance in the UHF or NFC frequency bands.



## Vulcan RFID Readers

Vulcan RFID offers high-performance RFID readers that are easy to install, configure, and integrate.

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## Vulcan RFID Antennas

Vulcan RFID offers an extensive collection of UHF RFID antennas designed to maximize the RF performance and coverage area of an RFID system.

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## Vulcan RFID Tags & Inlays

Vulcan RFID offers a broad range of RFID labels, tags and inlays built to withstand environments ranging from mild to extreme.

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## Vulcan RFID Accessories

Vulcan RFID provides a variety of high-quality accessories, RF hardware, and cables.

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