



4" x 2" RFID LABELS FOR ZEBRA ZD500R/ZD621R PRINTERS

These blank Vulcan RFID™ 4" x 2" Paper Labels are manufactured to ensure optimum performance in the Zebra ZD500R/ZD621R RFID Printers.

These tags are specifically designed for customers that are in need of blank labels for "at home" printing. All labels are supplied with a top performing IC.

These labels support 1 inch core printing. These tags are designed to meet EPCglobal Gen2 and ISO/IEC18000-6C standards.

These labels are ideal for a variety of applications including but not limited to:

- Corrugated Cases
- Pallet Placard Labels
- Cardboard Boxes
- Asset Management





Specifications

ELECTRICAL	Operating Frequency:	Global (860-960 MHz)
	Air Interface Protocol:	ISO-18000-6C, EPC Class 1, Gen 2
	*IC Type:	Impinj Monza R6-P or M730
	Memory:	Monza R6-P: EPC 128/96 Bits, User 32/64 Bits, TID 48 Bits M730: EPC 128 bits, User 0 Bits, TID 96 bits
	EPC Memory Content:	Unique, Randomized Number
	Max Read Distance:	Testing Recommended
	Applicable Surface Materials:	Wood, Plastic, Glass, Cardboard

*IC used is subject to variation based on availability

MECHANICAL	Tag Form Factor:	Label Tag, Perforated
	Tag Materials:	Printable White Paper (Thermal Transfer)
	Recommended Ribbon:	Wax-Resin
	Attachment Method:	General Purpose Permanent Adhesive
	Dimensions:	101.6 x 50.8 mm (4 x 2 in)
	Weight:	10 g (0.02 lbs)
	Sensing Type:	Gap
	Core ID:	1.375 in
	Quantity per Roll:	1,000 Labels
	Repeat:	2.125 in
	RFID Inlay Placement:	Monza R6-P: 14 mm (0.551 in) Impinj M730: 18 mm (0.709 in)
	Print Tolerance:	± 0.0625 in
	Inlay Side to Side Tolerance:	± 1.5 mm (0.059 in)
	Inlay Tolerance:	± 3 mm (0.118 in)

ENVIRONMENT	Operating Temperature:	-40° to +85°C (-40° to +185°F)

Diagrams



Dimensions (mm)

FACESTOCK VIEW



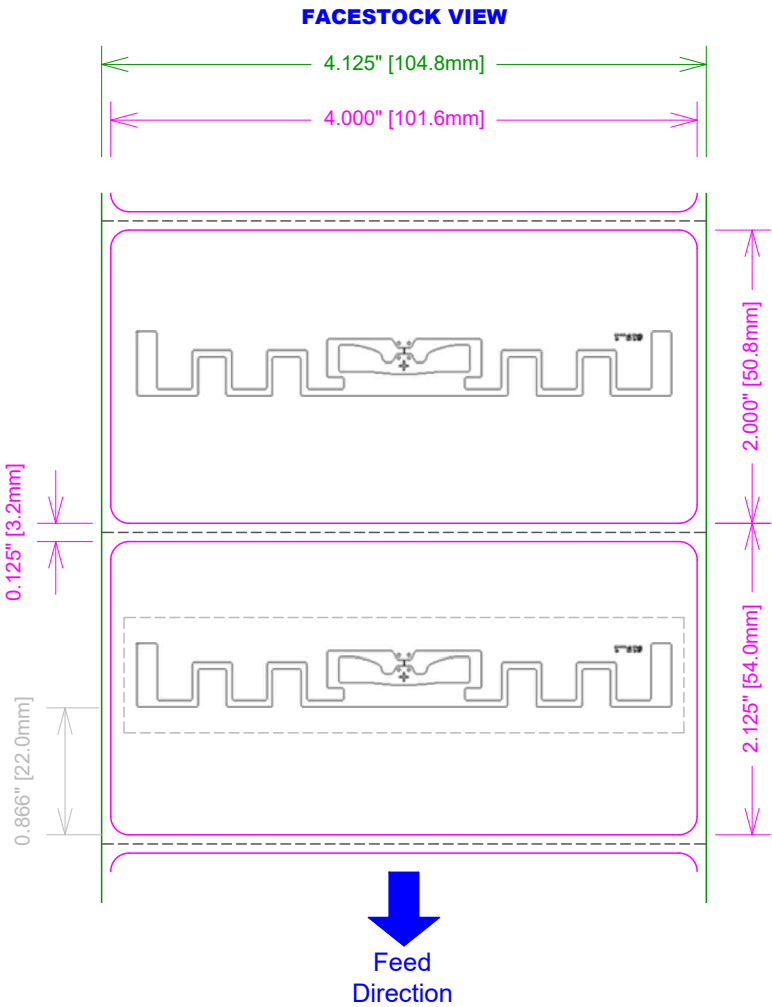
4x2_ZD500R_AD -229r6p_4297697		DRWN	DATE	
		pb	3/27/2020	
NO	REVISIONS		DATE	BY



Diagrams

Dimensions (mm)

Note: Drawing not to scale



Approval _____

Date: _____

Thank you for your confidence and trust in MPI Label Systems. **PLEASE EXAMINE THIS PROOF THOROUGHLY!** MPI LABEL SYSTEMS is not legally responsible for the content of this proof. The content of this proof represents the final reproduction of graphics, text, specifications and die shape that will be produced on press. Should you find any discrepancies, please note them on this proof and return it to us immediately. A corrected proof, if requested, will be sent to you for approval. **PRODUCTION SCHEDULING CANNOT BEGIN** until this proof is accepted so we urge you to expedite approval and return the proof to us.

	Die Cut (Pink)
	Perf (Black)
	Liner (Dark Green)
	Liner Slit (Light Blue)
	Inlay (Light Gray)
	Wet Inlay (Red)

+/- 0.0625" print tolerance
GRAPHIC FOR PLACEMENT ONLY.
NOT FOR PRINT PROOF APPROVAL.

Facestock Colors
PMS: N/A
Back Colors
PMS: N/A

P/N: 4313734			
General			
Label Size: 4" x 2"			
Construction: Label			
Facestock: TT (4262717)			
w/			
Bottom: GP (4281290)			
Perf: Yes			
Sensing Type: Gap			
Repeat: 2.125"			
RFID			
Printer: R110x13-x14, ZT			
Inlay: Impinj-m730			
Part#: 4311985			
Placement: 0.866" (22mm)			
Inlay Side to Side tolerance = +/- 1.5mm			
Inlay tolerance = +/- 3mm			
Finishing			
Core ID: 1.375"			
Amount per Roll: 1,000			
WIND DIRECTION			
Fan-Fold			
Sheeted			
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4x2_RZ-ZT_Impinj		DRWN	DATE
-m730_4313734		pb	10/7/2021
NO	REVISIONS	DATE	BY
A	Moved inlay from 18mm to 22mm	11/9/21	pb

Accessories & Compatible Products

Zebra



[ZD50042-T012R1FZ](#)
[ZD50043-T012R1FZ](#)

Zebra



[ZD6A142-301FR1EZ](#)
[ZD6A142-301LR1EZ](#)



About Vulcan RFID™ Products

Vulcan RFID™ offers a broad range of innovative RFID antennas, RFID inlays, custom RFID tags, and accessories suited for a wide variety of industries and applications. With an extensive portfolio, Vulcan RFID™ products are manufactured to withstand environments ranging from mild to extreme. All Vulcan RFID™ products are thoroughly tested and built on a name you can trust. Vulcan RFID™ products enable you to reach and sustain high levels of performance with your UHF or NFC frequency application.



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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Inside USA
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info@atlasRFIDstore.com
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