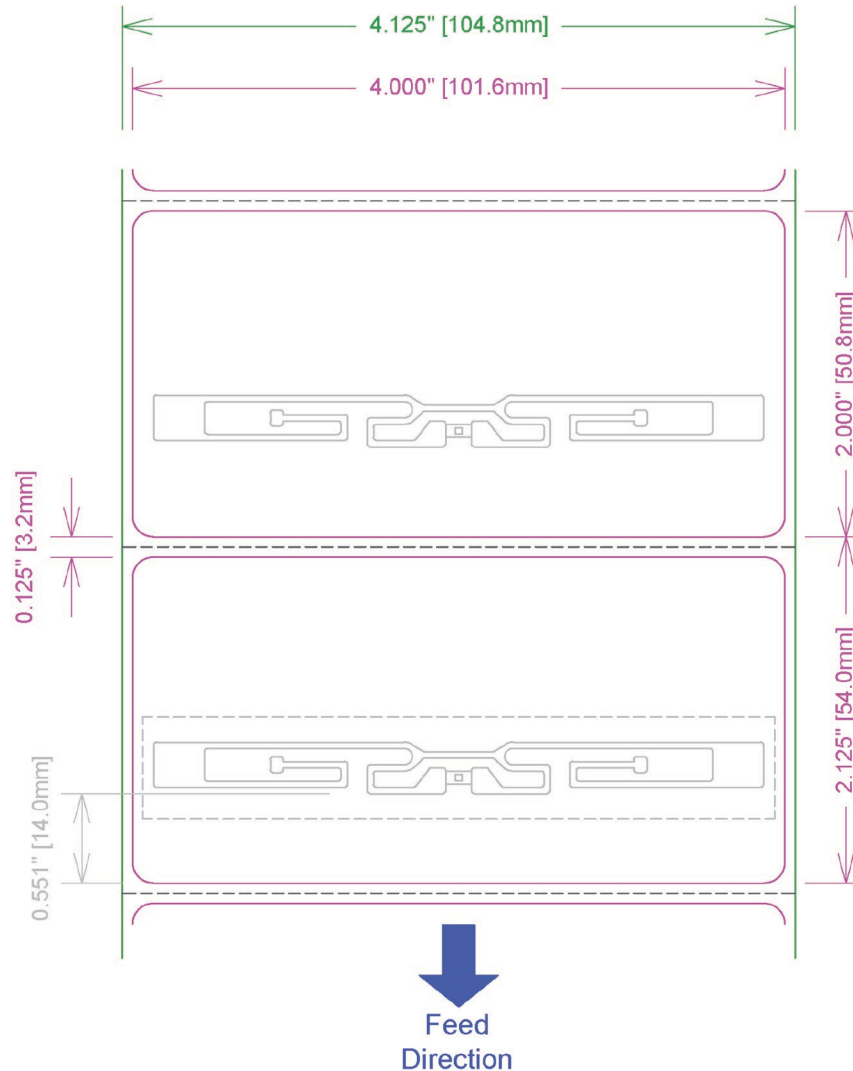




VULCAN RFID

Note: Drawing not to scale

FACESTOCK VIEW



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: 4297697

General

Label Size: 4" x 2"
Construction: Label
Facestock: TT
w/
Bottom: GP
Perf: Yes
Sensing Type: Gap
Repeat: 2.125"

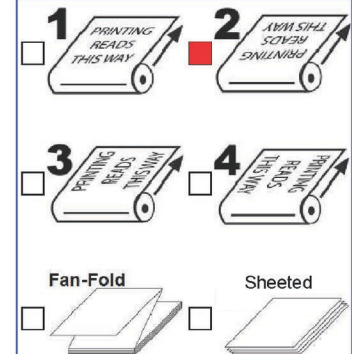
RFID

Printer: ZD500R
Inlay: AD-229r6p
Placement: 0.551" (14mm)
Inlay Side to Side tolerance = +/- 1.5mm
Inlay tolerance = +/- 3mm

Finishing

Core ID: 1.375"
Amount per Roll: 1,000

WIND DIRECTION



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



UHF RFID Inlays

AD-229r6-P



| | |
|----------------------------|-------------------------------------|
| Dimensions | 95 x 8.15 mm |
| Operating Frequency | Global (860 – 960 MHz) |
| RF Protocol | ISO-18000-6C, EPC Class 1, Gen 2 |
| Chip | Impinj Monza r6-P |
| EPC Memory | 128/96 bits |
| USER Memory | 32/64 bits |
| TID Memory | 48-bit unique serialized TID Number |

Common Applications

Supply Chain, Inventory and Logistics
Apparel and other item-level retail
Return Transport Units

| PART NUMBER | RF600772 | RF600776 | RF600773 |
|---|---|---|---|
| Format | Dry Inlay – Wide Web | Dry Inlay | Wet Inlay |
| Antenna dimensions (CDxMD) | 3.74 x 0.32 in (95 x 8.15 mm) | 3.74 x 0.32 in (95 x 8.15 mm) | 3.74 x 0.32 in (95 x 8.15 mm) |
| Die-cut dimensions | N/A | N/A | 3.885 x 0.4 in (98.7 x 11.2 mm) |
| Inlay substrate material | White PET | White PET | White PET |
| Inlay-to-liner adhesive | N/A | N/A | S-490 |
| Liner material | N/A | N/A | 40# SCK |
| Face Sheet | N/A | N/A | N/A |
| Standard pitch | 0.625 in (15.875 mm) | 0.625 in (15.875 mm) | 0.625 in (15.875 mm) |
| Standard web width | 4.75 in (120.65 mm) | 3.875 in (98.425 mm) | 4.125 (104.77 mm) |
| Total thickness over chip | 7-9 mils (178-229 microns) | 7-9 mils (178-229 microns) | 9 -11 mils (229-279 microns) |
| Operating temperature | -40 to 185F (-40 to 85C) | -40 to 185F (-40 to 85C) | -40 to 185F (-40 to 85C) |
| RoHS | EU Directive 2011/65/EU Compliant | EU Directive 2011/65/EU Compliant | EU Directive 2011/65/EU Compliant |
| Quality assurance | 100% read tested with-of-tolerance inlay marked | 100% read tested with-of-tolerance inlay marked | 100% read tested with-of-tolerance inlay marked |
| Un-wind direction | Inlay-side Out | Inlay-side Out | PS Inlay-side Out |
| Core size with adaptor insert | 6 in (152.4 mm) | 6 in (152.4 mm) | 3 in (76.2mm) |
| Maximum roll outer diameter (not to exceed) | 13 in (330.2 mm) | 13 in (330.2 mm) | 13 in (330.2mm) |
| Average # of units per roll | 20,000 good +/- 10% | 20,000 good +/- 10% | 20,000 good +/- 10% |
| Rev | 01 | 01 | 01 |

Care and handling: RFID inlays are sensitive to ESD. Observe standard industry practices relating to electronics/RFID to keep environmental impact and static charge to a minimum.

Applications: This product should be tested by the customer/ user thoroughly under end use conditions to ensure the product meets the particular requirements. Avery Dennison does not represent that this product is fit for any particular purpose or use.

Warranty: Please refer to Avery Dennison RFID standard terms and conditions.

Product Information: Avery Dennison reserves the right to modify, change, supplement or discontinue product offerings at any time without notice. The information contained herein is believed to be reliable but Avery Dennison makes no representation concerning the accuracy or correctness of the data.

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