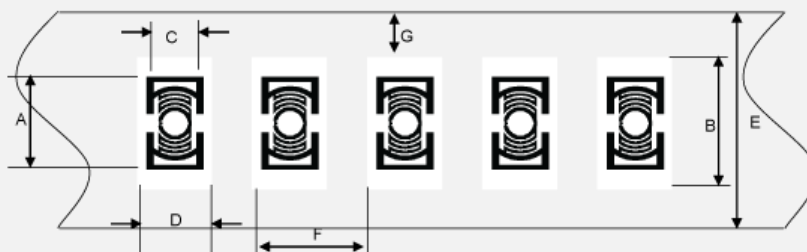


MiRFID UHF LABEL

Mi-LU-LSMAB-2430



MECHANICAL DIMENSIONS

| | | | |
|---|-------------------|------------|----|
| A | Antenna Width | 40.0 ± 0.5 | mm |
| B | Label Width | 55.0 ± 0.5 | mm |
| C | Antenna Length | 24.0 ± 0.5 | mm |
| D | Label Length | 30.0 ± 0.5 | mm |
| E | Web Width | 65.0 ± 1.0 | mm |
| F | Label Pitch | 39.0 ± 0.5 | mm |
| G | Label To Web Edge | 5.0 ± 0.5 | mm |

FEATURES

| | |
|---------------------------|---|
| Applications | • General Purpose Long Range |
| Operating Distance | Typically ~ 5m on air (9dbi antenna) Typically ~ 2.1m on air using Mi870E Handheld Reader |
| Frequency | 860-960 MHz |
| Transmission | Passive |
| RF Air Protocol | EPC Class 1 Gen 2 Compliant |
| Functions | • Anti-Collision: Slotted Aloha • Multiple Read Capability: 50 tags/seconds (ID Read) • Multiple Read Capability: 500 tags/seconds (EPC Read) |
| Chip | • NXP G2XL |
| Memory | • 368 bit • 23 blocks @ 2 bytes |
| AFI | YES |
| Write Protection | Block Wise |
| Static Pressure | 10 N/mm ² |

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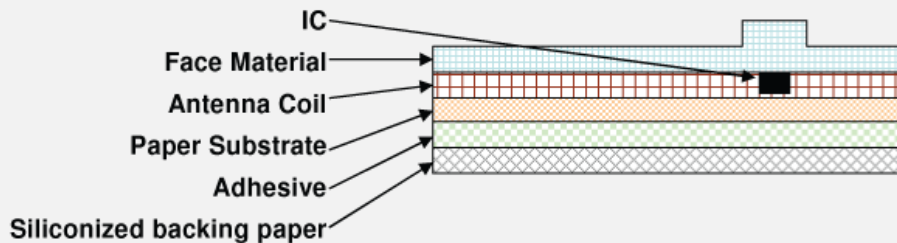
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DELIVERY FORM

| | |
|---|--|
| Physical Characteristics | Flexible Substrate |
| Substrate Type & Heat Resistance | Option 1: 50µm Polyester (PET) ±0.1% shrinkage at 150°C for 1 min Option 2: 50µm Polyimide (PI) ±0.1% shrinkage at 250°C for 1 min Option 3: 50µm Paper ±0.3% shrinkage at 150°C for 1 min |
| Antenna | MiRFID™ UG-EX-N-F4024 Antenna |
| Antenna Material | Printed Antenna (Silver Ink) |
| Operating Temperature | -20°C to 85°C |
| EAS | YES |
| Write Endurance Cycle | 100,000 cycles |
| Data Retention | Typical 10 years |
| Tag Format | Die-cut |
| Tag Face Material | Opaque Matt Paper 79 |
| Tag Backing Material | Siliconized Paper 56 |
| Final Inspection | 100% inspection. Yield >98%. Bad Units were marked. |
| Printable Area | Yes (optional) |
| Appearance | Single-row reel form |
| Reel Core | Paper core inner diameter 76mm |
| Reel Length | Max 5000 pieces per reel |
| Reel Diameter | Max 30cm |
| Packaging | Reels in shrink film and packed in cardbox |

| | |
|---------------------------|---------------------|
| Data Sheet Version | Mi-LU-LSMAB-2430-02 |
| Date | 25 May 2017 |

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