

AZ-9640 4x4" Label

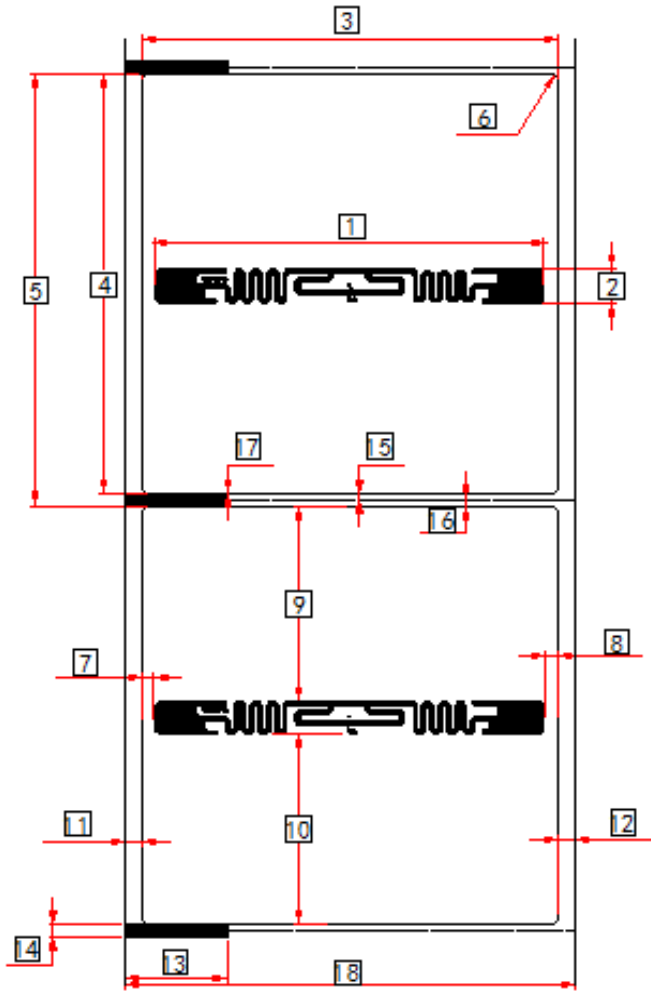
RFID UHF Tag Data Sheet

| | | |
|------------------------------|-------------------------------|--|
| Tag Classification | General Tag | |
| Compliance Standard | EPC Class1 Gen2 | |
| Operating Frequency | 860-960 MHz | |
| Operating Mode | Passive | |
| Data Transfer Rate | Up to 640 kbps | |
| Manufacture | Aluminum etching | |
| Antenna Dimension | 94.8 mm × 8.15 mm | |
| Label Dimension | 101.6 mm × 101.6 mm | |
| Storage Temperature | -20 to 65 °C Non-condensing | |
| Operating Temperature | -20 to 65 °C Non-condensing | |
| Recommended Storage | 20% ~ 60% | |
| ESD (HBM) | ± 2,000 V | |
| Chip IC type | Alien Higgs-3 | |
| Memory | EPC | 96 EPC Bits, Extensible to 480 Bits |
| | User | 512 User Bits |
| | TID | 64 Bit Unique TID |
| | Password | 32 Bit Access and 32 Bit Kill Password |
| | EEPROM data retention | 10 years |
| | EEPROM write endurance | 100,000 cycles |



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Label Drawing



| NO. | Dimension | NO. | Dimension |
|-----|---------------|-----|--------------|
| 1 | 94.8 ± 0.5mm | 10 | 46.725 ± 2mm |
| 2 | 8.15 ± 0.5mm | 11 | 4.2 ± 2mm |
| 3 | 101.6 ± 0.5mm | 12 | 4.2 ± 2mm |
| 4 | 101.6 ± 0.5mm | 13 | 25 ± 2mm |
| 5 | 104.6 ± 1.5mm | 14 | 3 ± 0.5mm |
| 6 | 2mm | 15 | 1.5 ± 1.5mm |
| 7 | 3.4 ± 2mm | 16 | 1.5 ± 1.5mm |
| 8 | 3.4 ± 2mm | 17 | 0 ± 2mm |
| 9 | 46.725 ± 2mm | 18 | 110 ± 1mm |

Label Structure

