



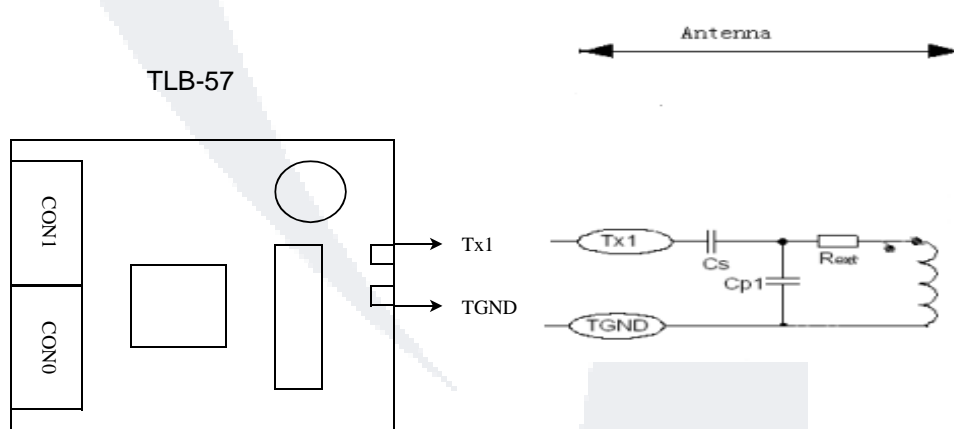
OEM READER BOARD ISO 14443-A/B & 15693

| | |
|--------------------------------|--|
| Frequency: | 13,56 MHz |
| Read Distance: | Short Range (70mm with SO card), can be extended with larger antennas |
| Housing: | PCB board without housing |
| Dimensions: | 100 x 50 x 8 mm (4 x 2 x ⁵ / ₁₆ inches) and 50 x 46 mm without antenna |
| Supply voltage: | Regulated +5VDC ±5% |
| Supply current: | < 120mA in operating mode |
| Operating temperature: | -10°C to +70°C |
| Storage temperature: | -20°C to +80°C |
| Humidity: | Up to +95% relative humidity (non condensing) |
| Interfaces: | RS232 / TTL |
| Baudrate (reader-host): | 15´200 Baud |
| Transponder types: | TagIt; I-Code; ISO14443-A like MIFARE® Ultralight, MIFARE® Standard, MIFARE® DES-Fire, 4K, Pro, Prox; SLE55Rxx, SLE66CL160S, Other 14443AB transponders |
| Features: | <ul style="list-style-type: none"> - Two programmable LED's on board - One programmable buzzer on board - With and without PCB antenna, external antennas can be added - Large temperature range - Antenna design for volume projects offered by TECTUS without cost - Multiple interface options - Connector cable |
| Part number: | TLB-57-AA for the RS 232 & TTL version |

© TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility. Where application information is given, it is only advisory and does not form part of the specification.



OEM READER BOARD ISO 14443-A/B & 15693

| | |
|-------------------------------|---|
| <p>Antenna:</p> | <p>TLB-57 with PCB antenna on board, 50 Ω Impedance</p> |
| | <div style="text-align: center;">  <p style="text-align: center;">TLB-57</p> <p style="text-align: center;">Antenna</p> </div> |
| <p>Applications:</p> | <p>Access control, Hand-held terminals, parking meters, public telephones, prepaid gas, electric meters and on-board units, road toll, electronic ticketing for public transportation, industrial data capture.....</p> |
| <p>Marketing tool:</p> | <p>The TECTUS-57 series of ISO14443-A/B and ISO 15693 reader boards are designed for distributors and system integrators who need a small-sized but powerful multi-tag reader for 13,56MHZ.</p> <p>This cost minimized reader board meets customer requirements for access control public transportation, contact-less transaction applications and industrial data capture</p> <p>With its multiple interface options and the on-board antenna which could be displaced from the reader module, it offers a maximum of flexibility to the customer</p> |

© TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility. Where application information is given, it is only advisory and does not form part of the specification.