

BTC

Barcode and Tag (13.56 MHz) Combined

BTC - TECHNICAL DATA

ELECTRONICS

- Micro-controller: 8 bit CMOS, 8 KB bootstrap loader EPROM
- Program memory: 64 KB flash memory
- Data RAM: 1 MB SRAM
- Power supply: 4 NiCad 200 mAh, rechargeable
- Autonomy: approx. 12 hours, when reading every 20"

PHYSICAL

- Technology: SMT
- Dimensions: LxWxH=167x56x38 mm (6.57x2.2x1.5 in.)
- Weight: 200g with batteries
- Buzzer: piezoelectric, programmable in frequency and duration
- LED: programmable red/green
- Calendar/Clock: quartz RTC, date and time
- Keyboard: 25 silicone rubber keys
- Display: high contrast LCD 4x16 characters plus icons, back-lit

ENVIRONMENT

- Operating temperature: 0°C to 50°C
- Storage temperature -20°C to 50°C
- Relative humidity: 95% non condensing
- Protection standard: IP65
- Electronic charges: IEC 801 – 2 (up to 15Kv)
- Tumble resistance: from 1 m (3.3 feet) onto concrete

RFID READING HEAD

- Integrated RFID head (13.56 MHz)
- Tag supported: I. CODE (Philips) R/W and Tag-It (Texas-Instruments) R/W
- Proximity reader: up to 55 mm read range

BARCODE READING HEAD

- Integrated Barcode Laser head
Barcode recognized: code 39, code93, code128, EAN128, EAN/UPC, Interleaved 2/5, codabar, MSI Plessey
- Proximity reader: 50 to 200 mm (for a standard EAN label 120%)

