

# Contactless Proximity Cards

TDSi cards contain a CMOS integrated circuit for use in electronic Read Only RF transponders. The chip is powered by an external coil when placed in the vicinity of an appropriate card reader. Once this has happened the chip will transmit 64 bits of information contained in the memory array of the chip.

They are produced with the latest advanced antenna and assembly technology and are suitable for access control, time and attendance, membership cards and identification purposes. Made from PVC and to ISO 7810, the cards are very durable and resistant against cracking. TDSi cards offer a consistent read range and can be carried in a wallet or purse or for use with a strap and clip as an ID badge. Cards can be printed by means of thermal printing.

The cards utilise passive technology, with no battery offering unlimited reading.

Each card is printed with an 8-digit card number representing the unique identity of the card chip together with the TDSi logo.



## Technical Data

<b>Chip Type</b>	EM4102
<b>Dimensions</b>	85.6 x 54.0 x 0.76 mm
<b>Weight</b>	5 g
<b>Material</b>	PVC, laminated
<b>Surface</b>	Gloss
<b>Standards</b>	ISO 7810
<b>Suitable Personalisation</b>	Thermal-transfer printing
<b>Operating and Storage Temperature</b>	-25 °C to +50 °C
<b>Operating Frequency</b>	100 to 150 kHz (125 kHz nominal)

## Ordering Information

Part Number	Product Description
4262-0245	TDSi Proximity Card
4262-0246	TDSi Proximity Key fob
4262-0247	TDSi Proximity Card with HiCO Magnetic stripe (not encoded)



# Proximity Cards



w: [www.tdsi.co.uk](http://www.tdsi.co.uk)  
e: [sales@tdsi.co.uk](mailto:sales@tdsi.co.uk)  
t: +44 (0)1202 723535