proximity cards & tags





Contactless Proximity Cards and Tags

TDSi cards and tags 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.

Containing a CMOS integrated circuit for use in electronic Read Only RF transponders. They utilise passive technology, with no battery offering unlimited reading. 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.

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

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SPECIFICATIONS

TDSi Part No.	4262-0245/4262-0247	4262-0246
Chip Type	EM4102	TK4102
Dimensions	85.6 x 54.0 x 0.76 mm	50.0 x 40.0 x 5.0 mm
Weight	5 g	
Material	PVC, laminated	Blue plastic
Surface	Gloss	Matt with number printed
Standards	ISO 7810	N/A
Suitable Personalisation	Thermal-transfer printing	N/A
Operating and Storage Temperature	-25 °C to +50 °C	
Operating Frequency	100 to 150 kHz (125 kHz nominal)	

FEATURES & BENEFITS

High quality cards and fobs
TDSi cards and fobs undergo stringent quality checks ensuring that each and every product that we supply meets our exacting standards.

Gloss surface finish on cards
Allows the card to be printed with your own design.

Tag has rugged construction
Able to withstand impact and harsh treatment.

ORDERING INFORMATION

Part Number: 4262-0245
Description: TDSi Proximity Card

Part Number: 4262-0246
Description: TDSi Proximity Key fob

Part Number: 4262-0247
Description: TDSi Proximity Card with HiCO Magnetic stripe (not encoded)

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This datasheet is not intended to form any part of a contract. TDSi reserves the right to change the specification or appearance of any of its products.