

AT-D1S-000-0001 Card

MIFARE Classic® EV1 Smart Card Contactless Card



GENERAL DESCRIPTION

The highly advanced AT-D1S-000-0001 card functions as an identifier. Using a reader, the card is identified and the system responds accordingly. The card is compliant with ISO/IEC 14443-1/2/3/4.

MAIN FEATURES

- Data retention of approximately 10 years
- Write endurance of up to 100,000 cycles
- Data encryption on RF channel with replay attack protection
- Read/write operations

SPECIFICATIONS

■ IC Types	MIFARE Classic EV1 Standard 1K MF1 IC S70		
■ Frequency	13.56 MHz		
■ Physical	Thickness	0.8 mm	±0.04 mm
	Width	54.0 mm	±0.05 mm
	Length	85.6 mm	±0.13 mm
	Weight	5.8 g	±0.5 g
	Color	White	
	Surface	Glossy	
■ Material	PVC		

ENVIRONMENTAL SPECIFICATIONS

■ Operating Temperature Range	-10°C to 50°C (14°F to 122°F)
■ Operating Environment	The card is resistant to humidity, dirt, and dust and suitably laminated with PVC surface high gloss.

SYSTEM COMPONENTS

The AT-D1S-000-0001 card is compatible with the series of 13.56 MHz MIFARE Classic® EV1, CSN, and Read Sector readers.

ABOUT ROSSLARE SECURITY

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