



Clamshell Card

The Clamshell Card Tag is a contactless 125 kHz read-only RFID (Radio Frequency Identification) card developed by Elan group for access control applications and low-cost payment systems. With a rigid lamination and reliable processes, the reading distance can be easily adjusted with the proper design of reader antenna and can reach up to 15 cm with general low cost readers.

Chip Type	Read-only	64 bit	Manchester coding
Physical	Dimension	54mm*86mm	
	Thickness	2 mm	
	Material	PVC	
Electrical	Operating frequency	125 kHz	
	Typical reading distance	15 cm	antenna dimension 11x8 cm, <0.4 mA
Mechanical	Vibration	IEC 68.2.6	10g, 10 to 2000 Hz, 3 axis, 2.5h
Thermal	Storage	-40°C to +120°C	
	Operating	-40°C to +85°C	
Optional	Printing		
Part Number	EM-CSCxxx		

This specification is subject to change without prior notice. Disclaimer: Elan Microelectronic Corporation's products are not authorized to use as critical components in life support devices or systems where product failure may lead to injury, death, environmental or property damage. Liability for use in such applications is the responsibility of the system designers. Malfunctioning tags will be replaced if the failure occurred before attaching to the carrier object.