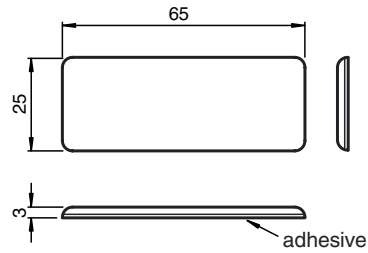




Dimensions



Model Number

IQC21-F125

Data carrier

Features

- Operating frequency 13.56 MHz
- Conforms to ISO 15693
- 64 bit Fixcode
- 896 bits memory available
- Degree of protection IP65
- Self-adhesive mounting
- Can be mounted on metal

Technical data

General specifications

Operating frequency	13.56 MHz
Transfer rate	26 kBit/s

Memory

Chip Type	I-CODE SLIX (NXP)
Type/Size	EEPROM 896 Bit ROM 64 Bit

Read cycles	unlimited
Write cycles	> 100000
Data retention period	50 years

Ambient conditions

Ambient temperature	-25 ... 50 °C (-13 ... 122 °F)
Storage temperature	-25 ... 50 °C (-13 ... 122 °F)

Mechanical specifications

Degree of protection	IP65
Material	
Housing	ABS + Epoxy
Mounting type	Self-adhesive label , mountable on metal

Compliance with standards and directives

Standard conformity	
Degree of protection	EN 60529
RFID	ISO/IEC 15693-1:2010 , ISO/IEC 15693-2:2006 , ISO/IEC 15693-3:2009 , ISO/IEC 18000-3

Notes

The IQC21-F125 read/write tag has been specifically designed to be mounted directly to metal. The adhesive backing is 3M type 467. The product should be applied to a thoroughly cleaned and dried surface. Typical cleaning solvents are heptane* for oily surfaces or isopropyl alcohol for plastics. Use reagent grade solvents since household materials like rubbing alcohol frequently contain oils. This can interfere with the performance of the pressure-sensitive adhesive. Provide 10-15 psi during installation so adhesive comes in direct contact with metal/plastic. Use a hard edged plastic tool to help provide the necessary pressure for proper bonding to surface. Proper adhesive application temperature is in the range 60 °F (15.6 °C) to 100 °F (38 °C). It is not recommended to apply the tag to any surface below 50 °F (10 °C) because the adhesive becomes too firm to adhere readily.

*Carefully read and follow the manufacturer's precautions and directions when using solvents.