

Datasheet excerpt: Technical data of IQC35-16GK

Product Description	
Data carrier	
General specifications	
Operating frequency	13.56 MHz
Transfer rate	26 kBit/s
Memory	
Chip Type	ICODE SLI-S (NXP)
EEPROM	1280 Bit
UID	64 Bit
Memory organization	4 bytes/block
Read cycles	unlimited
Write cycles	> 100000
Data retention period	10 years
Directive conformity	
Radio and telecommunication terminal equipment	
Directive 2014/53/EU	EN 300330-2:2015 V1.6.1
Standard conformity	

Degree of protection	EN 60529:2000
RFID	ISO/IEC 15693-1:2010 , ISO/IEC 15693-2:2006 , ISO/IEC 15693-3:2009 , ISO/IEC 18000-3:2010
Ambient conditions	
Ambient temperature	-25 ... 85 °C (-13 ... 185 °F)
Storage temperature	-25 ... 85 °C (-13 ... 185 °F)
Mechanical specifications	
Degree of protection	IP68
Material	
Housing	PBT
Encapsulation compound	Polyurethane (PUR)
Installation	
In metal	yes
On metal	yes
In air	yes
Mass	≤ 1 g
Construction type	Cylindrical