RF30-TGH-ER30

- Passive data carrier, the energy required to work by the read/write head inductively coupled, operating frequency 13.56MHz, in line with the ISO15693 standard, using the NXP ICODE SLIX2 chip.
- UID unique identification number, the number can only be read and can not be changed.

Note: Do not mount directly on metal surfaces

Electrical data	
Frequency	13.56MHz
User data, read/write	2528bit/316Byte
Memory type	EEPROM
Number of blocks	80（76 programmable, 4 non-programmable）
Block size	4Byte
UID serial number, read-only	8Byte
Supported data carrier types	ISO/IEC15693
Read cycles	Unlimited
Programming cycles	≥ 100,000
Read time	User ID for 8 bytes: 0.02 s ; for 16 bytes: 0.03 s
Programming time	for 16 bytes: 0.1s
Environmental conditions	
Ambient temperature	-25℃～+125℃
Storage temperature	-40℃～+145℃
IP rating	IP68
Reading distance	
Reader Model	Distance
Q95【485、IO-link】	0～90mm
C40【485、IO-link】	0～65mm
M30【485、IO-link】	0～60mm
MF30【485、IO-link】	0～40mm
Mechanical data	
Dimension	Ø 30 x 3 mm , inner diameter 5mm
Installation	Screw or glue
Metal resistance	metal-free (clear zone) Note: If the carrier must be mounted parallel to the metal surface, it is recommended that the surface of the carrier be no less than 20 mm from the metal surface

RF30-TGH-ER50

- Passive data carrier, the energy required to work by the read/write head inductively coupled, operating frequency 13.56MHz, in line with the ISO15693 standard, using the NXP ICODE SLIX2 chip.
- UID unique identification number, the number can only be read and can not be changed.

Note: Do not mount directly on metal surfaces

Electrical data	
Frequency	13.56MHz
User data, read/write	2528bit/316Byte
Memory type	EEPROM
Number of blocks	80（76 programmable, 4 non-programmable）
Block size	4Byte
UID serial number, read-only	8Byte
Supported data carrier types	ISO/IEC15693
Read cycles	Unlimited
Programming cycles	≥ 100,000
Read time	User ID for 8 bytes: 0.02 s ; for 16 bytes: 0.03 s
Programming time	for 16 bytes: 0.1s
Environmental conditions	
Ambient temperature	-25℃～+125℃
Storage temperature	-40℃～+145℃
IP rating	IP68
Reading distance	
Reader Model	Distance
Q95【485、IO-link】	0～125mm
C40【485、IO-link】	0～90mm
M30【485、IO-link】	0～80mm
MF30【485、IO-link】	0～50mm
Mechanical data	
Dimension	Ø 50 x 3 mm , inner diameter 5mm
Installation	Screw or glue
Metal resistance	metal-free (clear zone) Note: If the carrier must be mounted parallel to the metal surface, it is recommended that the surface of the carrier be no less than 20 mm from the metal surface