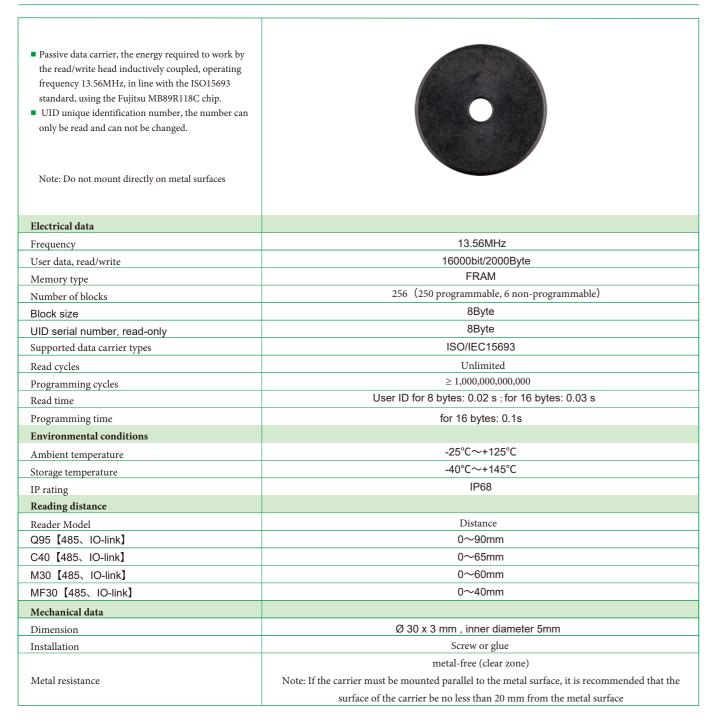
RF30-TGH-ER30/16K



RF30-TGH-ER50/16K

 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 Fujitsu MB89R118C 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	16000bit/2000Byte
Memory type	FRAM
Number of blocks	256 (250 programmable, 6 non-programmable)
Block size	8Byte
UID serial number, read-only	8Byte
Supported data carrier types	ISO/IEC15693
Read cycles	Unlimited
Programming cycles	≥ 1,000,000,000
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°C~+125°C
Storage temperature	-40°C~+145°C
IP rating	IP68
Reading distance	
Reader Model	Distance
Q95【485、IO-link】	0~110mm
C40 【485、IO-link】	0~80mm
M30 【485、IO-link】	0~70mm
MF30【485、IO-link】	0~45mm
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



