



<div><div><div>■ 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.</div><div>■ UID unique identification number, the number can only be read and can not be changed.</div></div><div>Note: Do not mount directly on metal surfaces</div></div> <div></div>	
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	≥ 1,000,000,000,000
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-free (clear zone)
Metal resistance	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

<div><div><div>■ 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.</div><div>■ UID unique identification number, the number can only be read and can not be changed.</div></div><div>Note: Do not mount directly on metal surfaces</div></div> <div></div>	
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	≥ 1,000,000,000,000
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】	0～110mm
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-free (clear zone)
Metal resistance	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