



**Meditag™ Half Metal 6.6
RFID 125 KHz
2K READ/WRITE
Part Nr. 103 0054**

Description	Technical
-------------	-----------

Chip Features

Type	4057 Read/Write
Memory type	EEPROM 2kbit
Unique Identification	3 words of 16 bits laser ROM
EEPROM Retention	Minimum 10 years @ 55 °C
EEPROM Protection	Programmable read and/or Write protection on every word
Read Cycles	Unlimited
Write Cycles	Minimum 100,000

Packaging Specification

Material	External: 304L Stainless Steel Internal: Resin
Sealing	IP 68

Physical Specification

Diameter	6.6 mm
Thickness	2.0 mm

Temperatures Ranges

Storage	-80 °C/350 °C
Operating	-40 °C/85 °C

- Especially designed for integration or retrofitting within existing or new metallic devices.
- Unique eXtremeTAG technology allows the TAG to be directly embedded into metallic instruments.
- Metallic packaging provides a safe protection to withstand rugged environments and processes.
- 2k bits EEPROM memory allowing to read and write data.
- Steam sterilization endurance of 2,000 cycles with the Tag is hermitically laser welded onto a metal counterpart. Continuous autoclave cycles (140 °C ± 5, 2.2 bars ± 0.2, 18 min ± 3).

