

High-Temperature Tag UHF

The iDTRONIC High-Temperature Tag UHF tags has been specifically designed to perform under extreme heat and repeated exposure to caustic fluids for applications such as autoclaves, hot water wash cycles and post-paint processes.

The iDTRONIC High-Temperature Tag UHF is constructed with robust materials and rated IP68 for high reliability and durability in all types of environments. The tag survives applications with temperatures of up to 250 °C and other harsh elements such as high impact and caustic chemicals.

The design of the iDTRONIC High-Temperature Tag UHF has been done as well for the use on metal objects / structures. It is possible to achieve reading distances of up to 8 m.

The iDTRONIC High-Temperature Tag UHF integrates the latest IC technology to deliver the industry's best performance and memory size while conforming to EPC Class 1 Gen 2 specifications.



General Features:

- High performance High-Temperature Ttag
- High performance On-Metal Tag
- IP68 rating for harsh environments
- Passive UHF ISO18000-6C EPC Class 1 Gen 2

Applications:

- Industrial
- Automotive
- High-Temperature Applications

Product Specification:

Product:	High-Temp Tag UHF
Standard:	ISO18000-6C EPC Class 1 Gen 2
Memory:	Standard: NXP UCODE EPC G2XM (512 bits user memory, 64 bits unique TID, 96 bits EPC) Option: TEGO 32/64 kBytes UHF
Frequency:	864-868 MHz (EU) 902-928 MHz (US)
Dimensions:	51 x 37 x 8 mm
Weight:	29 g
Read range on-metal:	Up to 6 m @ 2 W ERP
Operating temperature:	-30 °C to +85 °C
Application temperature:	-40 °C to +250 °C
Protection:	IP68
Attachment:	2 rivet holes 3.2 mm
Order number:	ST-HTT- UHF-G2XM