

High Temp Tag 50x27



FUNCTIONAL SPECIFICATIONS

Specification	
RFID Protocol	EPC Global Class1Gen2 ISO/IEC 18000-6C
Frequency	EU (865 – 869 MHz) US (902 – 928 MHz)
IC type	Alien Higgs-3
Memory	EPC 128 bits , USER 512 bits, TID 64 bits
Write Cycles	100.000 times
Functionality	Read/write
Data Retention	50 Years
Applicable Surface	Metal Surfaces
Read Range (Fix Reader)	Up to 2.0m, On metal (depends on reader)
Read Range (Handheld Reader)	Up to 2.0m, On metal (depends on reader)

PHYSICAL SPECIFICATIONS

Specification	
Size	50.0x27.0mm (Hole: diameter 4mm)
Thickness	17.0mm
Material	Proprietary extreme high temp resin with ceramic filler
Color	Black
Mounting Methods	Weldable, Bolttable
Weight	36.0g

ENVIRONMENTAL SPECIFICATIONS

Specification	
IP Rating	IP68
Storage Temperature	6 Hours at 300 °C; 18 hour cool-down; 30-day test cycle, non-limiting
Operating Temperature	-50°C to +300°C
Certifications	Reach Approved, RoHS Approved, CE Approve, ATEX Compliant

ORDER CODE

Description	Order Code
High Temp Tag 50x27	ST-UHF-HTT-50x27-EU
	ST-UHF-HTT-50x27-US