

# Transponder ON METAL

## Ceramic TAG

**PART ID:**  
**2017-02-349-00**

Tiny, highly durable LF, HF and UHF tags discreetly mount to or embed in tools, equipment, medical instruments and more.

### Main Specifications

Material	Ceramic
Operating Temperature	-20°C to 85°C
IP Class	IP68
Compliance	RoHs & Reach, CE
Key Features	Small Size, Rough Environment, ON-Metal Use, High Durability
Options	Pad Printing



### Chip Specification (Chip 349)

Chip	Alien - Higgs 3
Frequency	869 MHz ( UHF )
Memory	TID 64 Bit; EPC 96 Bit; User 512 Bit
Norm	ISO 18000-6C / EPC Gen2 V2

### Full Specifications

Product ID	2017
Material	Ceramic
Shape	Overmolded
Short Description	Tiny, highly durable LF, HF and UHF tags discreetly mount to or embed in tools, equipment, medical instruments and more.
Long Description	Brick Tag passive contactless transponders easily integrate into RFID applications requiring discreet placement of small, featherweight tags that deliver sustainable performance. Brick Tag Ceramic units are optimized for placement on metal assets, such as tools, weaponry and surgical instrumentation. The hard shells encasing these tiny UHF transponders shield them from exposure to autoclave sterilization and demanding industrial environments.
Key Features	Small Size, Rough Environment, ON-Metal Use, High Durability
Options	Pad Printing
Main Use	Asset Tracking
Article Type	Ceramic TAG
Color	Black

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Operating Temp °C (min)	-20
Operating Temp °C (max)	85
Storage Temp °C (min)	-20
Storage Temp °C (max)	85
Peak Temp I / °C	225
Peak TIME I [h]	700
High Temp	yes
IP Class	IP68
Chemical Resistance	Mineral oil, petroleum, salt mist, vegetable oil
Flame Resistance	Not Specified
Mechanical Resistance	MIL STD 810-G
Attachment Method	Glue
Compliance	RoHs & Reach, CE

## VARIANTS AND ICS

ID	Variant	Band	Type	ISO
2017-04-369-00	7.8x6.8x2.7mm	UHF	Monza R6-P	ISO 18000-6C / EPC Gen2 V3
2017-05-369-00	13.1x7.8x3.1mm	UHF	Monza R6-P	ISO 18000-6C / EPC Gen2 V3