

# Transponder ATEX

## Ceramic TAG

PART ID:

**3003-01-349-00**

The small ceramic Tag can be embedded into the head of a bolt to RFID enable any aviation, automotive or manufacturing product.

### Main Specifications

Material	Ceramic
Operating Temperature	-40°C to 60°C
IP Class	IP68
Compliance	RoHs & Reach, CE
Key Features	Small Size, Heat Tolerant, High Durability



### 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	3003
Atex	yes
On Metal Use	yes
Material	Ceramic
Shape	Overmolded
Long Description	The small ceramic Tag can be embedded into the head of a bolt to RFID enable any aviation, automotive or manufacturing product.
Key Features	Small Size, Heat Tolerant, High Durability
Main Use	Tool Tracking
Article Type	Ceramic TAG
Color	White
Length [mm]	12.8
Width [mm]	7.08
Thickness [mm]	3.08
Weight [g]	1.4

Operating Temp °C (min)	-40
Operating Temp °C (max)	60
Storage Temp °C (min)	-40
Storage Temp °C (max)	60
IP Class	IP68
Chemical Resistance	Not Specified
Flame Resistance	Not Specified
Mechanical Resistance	Not Specified
Attachment Method	Embed
Compliance	RoHs & Reach, CE

VARIANTS AND ICS

ID	Variant	Band	Type	ISO
3003-01-349-00	12.8x7.08x3.08mm IN Metal	UHF	Higgs 3	ISO 18000-6C / EPC Gen2 V2

®TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility. Where application information is given, it is only advisory and does not form part of the specification.