

# Transponder ON METAL

## Square TAG

### PART ID:

**2044-01-349-00**

Read Range Fix Reader: 26cm - (US) 902-928MHz, on metal 25cm - (EU) 865-868MHz, on metal Handheld Reader: 19cm - (US) 902-928MHz, on metal 15cm - (EU) 865-868MHz, on metal Reading range depends on the environment and the reading device

### Main Specifications

Material	PPS
Operating Temperature	-40°C to 100°C
IP Class	IP68
Compliance	RoHs & Reach, CE
Key Features	ON-Metal Use, Asset Tracking, 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	2044
On Metal Use	yes
Material	PPS
Shape	Overmolded
Long Description	Read Range Fix Reader: 26cm - (US) 902-928MHz, on metal 25cm - (EU) 865-868MHz, on metal Handheld Reader: 19cm - (US) 902-928MHz, on metal 15cm - (EU) 865-868MHz, on metal Reading range depends on the environment and the reading device
Key Features	ON-Metal Use, Asset Tracking, Heat Tolerant, High Durability
Article Type	Square TAG
Color	Black
Length [mm]	26
Width [mm]	26
Thickness [mm]	5.5
Weight [g]	6.6

© 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.

Hole	yes
Operating Temp °C (min)	-40
Operating Temp °C (max)	100
Storage Temp °C (min)	-40
Storage Temp °C (max)	150
Peak Temp I / °C	230
Peak TIME I [h]	30
Peak Temp II / °C	180
Peak TIME II [h]	120
High Temp	yes
IP Class	IP68
Chemical Resistance	Not Specified
Flame Resistance	Not Specified
Mechanical Resistance	Not Specified
Attachment Method	Screw/Rivet
Compliance	RoHs & Reach, CE

## VARIANTS AND ICS

ID	Variant	Band	Type	ISO
2044-01-349-00	26x26x5.5mm, 4mm hole	UHF	Higgs 3	ISO 18000-6C / EPC Gen2 V2