Transponder ON METAL

Square TAG

PART ID:

2002

The Tag is designed to be read in the rear of a metallic object. It helps realize applications where a traditional metal tag sees a challenge. This tag is capable of reversing the interference caused by the metallic surface to become its steering power. The robust overmolded housing makes it ideal for industrial or logistics purpose. This tag sees no obstacles and makes front reading not the only choice. This transponder can be read both ON metal and BEHIND metal.



Main Specifications

Frequencies	LF HF **UHF**
Material	Polyamid
Operating Temperature	-40°C to 85°C
IP Class	IP68
Compliance	RoHs & Reach, CE
Key Features	Readable Behind Metal, Rough Environment, High Durability
Options	Adhesive, Pad Printing, Laser Engraving

Full Specifications

Product ID	2002
On Metal Use	yes
PEAK Performance	yes
Material	Polyamid
Shape	Overmolded
Long Description	The Tag is designed to be read in the rear of a metallic object. It helps realize applications where a traditional metal tag sees a challenge. This tag is capable of reversing the interference caused by the metallic surface to become its steering power. The robust overmolded housing makes it ideal for industrial or logistics purpose. This tag sees no obstacles and makes front reading not the only choice. This transponder can be read both ON metal and BEHIND metal.
Key Features	Readable Behind Metal, Rough Environment, High Durability
Options	Adhesive, Pad Printing, Laser Engraving
Article Type	Square TAG
Color	Yellow
Length [mm]	52
Width [mm]	23

© 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.

TECTUS Technology GmbH | Lustheide 85 | D-51427 Bergisch Gladbach | Phone: +49 (0) 22 04 976 88 0 | Fax: +49 (0) 22 04 976 88 10

Thickness [mm]	5.7
Weight [g]	10
Hole	yes
Operating Temp °C (min)	-40
Operating Temp °C (max)	85
Storage Temp °C (min)	-40
Storage Temp °C (max)	125
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
2002-01-324-00	52x23x5.7mm	UHF	UCODE 8	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.

TECTUS Technology GmbH | Lustheide 85 | D-51427 Bergisch Gladbach | Phone: +49 (0) 22 04 976 88 0 | Fax: +49 (0) 22 04 976 88 10