Transponder

Square TAG

PART ID:

1023

Micro thin RFID Tags built for extreme environments

Main Specifications

Frequencies	LF HF **UHF**
Material	Epoxy + GF
Operating Temperature	-40°C to 85°C
IP Class	IP69K
Compliance	RoHs & Reach, CE
Key Features	Ultra Thin, Rough Environment, Heat Tolerant, High Durability
Options	Adhesive, Inkjet Print, Pad Printing, Laser Engraving, Other Chips On Request



Full Specifications

Product ID	1023
Material	Epoxy + GF
Shape	Laminated
Short Description	Micro thin RFID Tags built for extreme environments
Long Description	TECTUS Square Tag RFID transponders are constructed for optimal performance under harsh conditions. Epoxy Tags are available in multiple frequencies and offer a smooth surface that can be imprinted with customized codes or artwork. Highly temperature and chemical resistant yet thin and robust, they are designed to survive multi-year outdoor use.
Key Features	Ultra Thin, Rough Environment, Heat Tolerant, High Durability
Options	Adhesive, Inkjet Print, Pad Printing, Laser Engraving, Other Chips On Request
Main Use	Asset Tracking
Article Type	Square TAG
Color	Black
Length [mm]	85
Width [mm]	25
Thickness [mm]	1
Weight [g]	7
Hole	yes

© 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

Operating Temp °C (min)	-40
Operating Temp °C (max)	85
Storage Temp °C (min)	-40
Storage Temp °C (max)	85
Peak Temp I / °C	160
Peak TIME I [h]	24
High Temp	yes
IP Class	IP69K
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
1023-01-349-00	25x83x1mm	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.

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