HDX BDE

Transponder
Glass TAG

PART ID:
1070

Embeddable RFID Glass Tags with high chemical resistance and exceptional performance

Main Specifications

Frequencies	**LF** HF UHF
Material	Glass
Operating Temperature	-25°C to 85°C
IP Class	IP68
Compliance	RoHs & Reach, CE
Key Features	Small Size, Heat Tolerant, High Durability

Full Specifications

Product ID	1070
Name	HDX BDE
Material	Glass
Shape	Potted
Short Description	Embeddable RFID Glass Tags with high chemical resistance and exceptional performance
Long Description	Glass Tag contactless RFID transponders help manage and safeguard animals. In tag production, TECTUS employs fully automated processes to ensure consistent quality and reliability. Patented direct-bonding technology enables more compact tag designs and optimized read ranges, delivering exceptional size to performance ratios. Standard Glass Tag units are enclosed in biocompatible glass, making them harmless to animals. The optional parylene coating improves and accelerates tissue adhesion, preventing the movement of tags implanted subcutaneously.
Key Features	Small Size, Heat Tolerant, High Durability
Article Type	Glass TAG
Color	Transparent
Diameter [mm]	3.85
Length [mm]	31.5
Weight [g]	0.15

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Where application information is given, it is only advisory and does not form part of the specification.

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Operating Temp °C (min)	-25
Operating Temp °C (max)	85
Storage Temp °C (min)	-40
Storage Temp °C (max)	90
High Temp	yes
Food compatible	yes
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
1070-01-164-00	3.85x32mm	LF	SIC 279/7999	ISO 11784/11785 HDX

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