High Temperature

Transponder
Glass TAG

PART ID:
1045

Glass Tag transponders can be easily inserted or molded into a variety of materials, to enable automated asset identification and management applications using RFID. The inherent properties of glass protect embedded electronics from exposure to harsh chemicals, ensure that tag readability is unaffected by immersion in liquids, and provide excellent stability over fluctuating temperatures.



Main Specifications

Frequencies	**LF** HF UHF
Material	Glass
Operating Temperature	-40°C to 85°C
IP Class	IP68
Compliance	RoHs & Reach, CE
Key Features	Small Size, Heat Tolerant, Versatile, High Durability

Full Specifications

Product ID	1045
Name	High Temperature
Material	Glass
Shape	Potted
Long Description	Glass Tag transponders can be easily inserted or molded into a variety of materials, to enable automated asset identification and management applications using RFID. The inherent properties of glass protect embedded electronics from exposure to harsh chemicals, ensure that tag readability is unaffected by immersion in liquids, and provide excellent stability over fluctuating temperatures.
Key Features	Small Size, Heat Tolerant, Versatile, High Durability
Article Type	Glass TAG
Color	Transparent
Diameter [mm]	4
Length [mm]	22
Weight [g]	0.6
Operating Temp °C (min)	-40
Operating Temp °C (max)	85
Storage Temp °C (min)	-40

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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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Storage Temp °C (max)	125
High Temp	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
1045-01-152-00	4x22mm	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible

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