Transponder ATEX/IECEx

Ceramic TAG

PART ID:

3024-01-374-00

The ATEX Zone 1 / 21certified UHF THIN MINI ON METAL RFID TAG 12 x 3 x 2 mm is one of the smallest ATEX certified UHF RFID transponders globally available. Due to the small size system integrators or endusers like to use it to identify small items like metallic tools and surgical instruments. The UHF THIN MINI ON METAL RFID TAG can be attached easy to electronic identification plates during production or also on exisitng plates which are already in the field.

Main Specifications

Material	Ceramic
Operating Temperature	-40°C to 85°C
IP Class	IP68
Compliance	RoHs & Reach, CE
Key Features	Small Size, ON-Metal Use, Rough Environment, Heat Tolerant, High Durability
Options	Laser Engraving, Adhesive

Chip Specification (Chip 374)

Chip	Impinj - M830
Frequency	860~960MHz (UHF)
Memory	TID 96 Bit; EPC 128 Bit
Norm	ISO/IEC 18000-63:2015 and GS1 Gen2v2

Full Specifications

Product ID	3024
Atex	yes
On Metal Use	yes
Material	Ceramic
Shape	Overmolded
Long Description	The ATEX Zone 1 / 21certified UHF THIN MINI ON METAL RFID TAG 12 x 3 x 2 mm is one of the smallest ATEX certified UHF RFID transponders globally available. Due to the small size system integrators or endusers like to use it to identify small items like metallic tools and surgical instruments. The UHF THIN MINI ON METAL RFID TAG can be attached easy to electronic identification plates during production or also on exisitng plates which are already in the field.

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Key Features	Small Size, ON-Metal Use, Rough Environment, Heat Tolerant, High Durability
Options	Laser Engraving, Adhesive
Comments	High Temperature Version Available
Main Use	Embeddable RFID
Article Type	Ceramic TAG
Color	Black
Length [mm]	12.3
Width [mm]	3
Thickness [mm]	2.2
Weight [g]	0.44
Operating Temp °C (min)	-40
Operating Temp °C (max)	85
Storage Temp °C (min)	-40
Storage Temp °C (max)	150
Peak Temp I / °C	200
Peak TIME I [h]	1440
IP Class	IP68
Chemical Resistance	Not Specified
Flame Resistance	Not Specified
Mechanical Resistance	Not Specified
Attachment Method	Glue
Compliance	RoHs & Reach, CE

VARIANTS AND ICS

ID	Variant	Band	Type	ISO
3024-01-374-00	12.3x3x2.2mm	UHF	M830	ISO/IEC 18000-63:2015 and GS1 Gen2v2

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