Transponder ATEX/IECEx

Ceramic TAG

PART ID:

3011-01-327-00

ATEX Zone 1 / 21 certified 2.5 x 6 mm UHF THIN MINI ON METAL RFID TAG

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	Adhesive, Laser Engraving

Chip Specification (Chip 327)

Chip	NXP - UCODE 9xm
Frequency	860~960 MHz (UHF)
Memory	TID 96bit ; EPC 128 bit; User 752 bit
Norm	ISO 18000-6C / EPC Gen2 V2

Full Specifications

Product ID	3011
Atex	yes
On Metal Use	yes
Material	Ceramic
Shape	Overmolded
Short Description	ATEX Zone 1 / 21 certified 2.5 x 6 mm UHF THIN MINI ON METAL RFID TAG
Long Description	The ATEX Zone 1 / 21 certified UHF THIN MINI ON METAL RFID TAG 6 x 2,5 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. Despite of the small size the read range could be up to 1 m and more.
Key Features	Small Size, ON-Metal Use, Rough Environment, Heat Tolerant, High Durability
Options	Adhesive, Laser Engraving

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Article Type	Ceramic TAG
Color	Black
Diameter [mm]	6
Thickness [mm]	2.5
Weight [g]	0.4
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
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
3011-01-327-00	6x2.5mm	UHF	UCODE 9xm	ISO 18000-6C / EPC Gen2 V2

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