Extended Temperature Range

Transponder ATEX
DISC TAG

PART ID:
3001-03-152-00

The ATEX Zone 1 / 21 certified 34 mm ON METAL RFID TAG with Extended Temperature Range is a general purpose product and useful in multiple industrial applications to optimize object identification in asset managment, machine marking, mobile maintenance and service and all kind of logistics applications where higher storage temperatures up to 100°C are needed.The robust housing in combination with the 4.5 mm mounting hole provides the mounting in hazardous area and perfectly in and on metal environment.



Main Specifications

Material	Polyamid
Operating Temperature	-40°C to 85°C
IP Class	IP68
Compliance	RoHs & Reach, CE
Key Features	Rough Environment, Heat Tolerant, ON-Metal Use, High Durability
Options	Adhesive, Laser Engraving, Logo, Other Chips On Request

Chip Specification (Chip 152)

Chip	EM Marin - EM4200/Unique
Frequency	125 kHz (LF)
Memory	UID 64 Bit; Read only
Norm	ISO/IEC 11784/85 Compatible

Full Specifications

Product ID	3001
Name	Extended Temperature Range
Atex	yes
On Metal Use	yes
Material	Polyamid
Shape	Overmolded
Long Description	The ATEX Zone 1 / 21 certified 34 mm ON METAL RFID TAG with Extended Temperature Range is a

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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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	general purpose product and useful in multiple industrial applications to optimize object identification in asset managment, machine marking, mobile maintenance and service and all kind of logistics applications where higher storage temperatures up to 100°C are needed.The robust housing in combination with the 4.5 mm mounting hole provides the mounting in hazardous area and perfectly in and on metal environment.
Key Features	Rough Environment, Heat Tolerant, ON-Metal Use, High Durability
Options	Adhesive, Laser Engraving, Logo, Other Chips On Request
Comments	Hole 4.5 mm, Other Color on Request
Article Type	DISC TAG
Diameter [mm]	34
Thickness [mm]	6
Weight [g]	7
Hole	yes
Operating Temp °C (min)	-40
Operating Temp °C (max)	85
Storage Temp °C (min)	-40
Storage Temp °C (max)	100
IP Class	IP68
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
3001-01-152-00	D34mm,yellow	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible
3001-01-260-00	D34mm,yellow	HF	ICODE SLIX	ISO/IEC 15693 & 18000-3
3001-01-263-00	D34mm,yellow	HF	NTAG213	ISO/IEC 14443A & 18000-3
3001-01-266-00	D34mm,yellow	HF	NTAG216	ISO/IEC 14443A & 18000-3
3001-01-362-00	D34mm,yellow	UHF	Monza 4QT	ISO 18000-6C / EPC Gen2 V2
3001-02-152-00	D34mm,black	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible
3001-02-260-00	D34mm,black	HF	ICODE SLIX	ISO/IEC 15693 & 18000-3
3001-02-263-00	D34mm,black	HF	NTAG213	ISO/IEC 14443A & 18000-3
3001-02-266-00	D34mm,black	HF	NTAG216	ISO/IEC 14443A & 18000-3
3001-02-362-00	D34mm,black	UHF	Monza 4QT	ISO 18000-6C / EPC Gen2 V2
3001-03-152-00	D34mm,blue	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible
3001-03-260-00	D34mm,blue	HF	ICODE SLIX	ISO/IEC 15693 & 18000-3
3001-03-263-00	D34mm,blue	HF	NTAG213	ISO/IEC 14443A & 18000-3
3001-03-266-00	D34mm,blue	HF	NTAG216	ISO/IEC 14443A & 18000-3
3001-03-362-00	D34mm,blue	UHF	Monza 4QT	ISO 18000-6C / EPC Gen2 V2
3001-04-152-00	D34mm,green	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible
3001-04-260-00	D34mm,green	HF	ICODE SLIX	ISO/IEC 15693 & 18000-3
3001-04-263-00	D34mm,green	HF	NTAG213	ISO/IEC 14443A & 18000-3
3001-04-266-00	D34mm,green	HF	NTAG216	ISO/IEC 14443A & 18000-3
3001-04-362-00	D34mm,green	UHF	Monza 4QT	ISO 18000-6C / EPC Gen2 V2

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ID	Variant	Band	Type	ISO
3001-05-152-00	D34mm,red	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible
3001-05-260-00	D34mm,red	HF	ICODE SLIX	ISO/IEC 15693 & 18000-3
3001-05-263-00	D34mm,red	HF	NTAG213	ISO/IEC 14443A & 18000-3
3001-05-266-00	D34mm,red	HF	NTAG216	ISO/IEC 14443A & 18000-3
3001-05-362-00	D34mm,red	UHF	Monza 4QT	ISO 18000-6C / EPC Gen2 V2

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