

Clear Transponder DISC TAG

PART ID:

1011-01-113-00

Clear Disc Tag, coil antenna being packaged inside PET sheets, is a primitive form factor for tagging. It can also go with or without an adhesive backing.

Main Specifications

Material	PET
Operating Temperature	-25°C to 55°C
IP Class	IP65
Compliance	RoHs & Reach, CE
Key Features	Ultra Thin, Versatile, Cost-Effective
Options	Adhesive



Chip Specification (Chip 113)

Chip	NXP - HITAG S 2048
Frequency	125 kHz (LF)
Memory	UID 4 Byte; User 2048 Bit
Norm	ISO/IEC 11784 & 11785 & 14223

Full Specifications

Product ID	1011
Name	Clear
Material	PET
Shape	Laminated
Short Description	Clear Disc Tag, coil antenna being packaged inside PET sheets, is a primitive form factor for tagging. It can also go with or without an adhesive backing.
Long Description	Clear Disc Tag, coil antenna being packaged inside PET sheets, is a primitive form factor for tagging. It can also go with or without an adhesive backing.
Key Features	Ultra Thin, Versatile, Cost-Effective
Options	Adhesive
Main Use	Embeddable RFID
Article Type	DISC TAG
Color	Transparent

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

Thickness [mm]	0.6
Operating Temp °C (min)	-25
Operating Temp °C (max)	55
Storage Temp °C (min)	-15
Storage Temp °C (max)	75
IP Class	IP65
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
1011-01-148-00	D20x0.6mm	LF	ATA5577	ISO/IEC 11784/85 Compatible
1011-01-152-00	D20x0.6mm	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible
1011-01-104-00	D20x0.6mm	LF	HITAG 1	ISO/IEC 11784 & 11785
1011-01-113-00	D20x0.6mm	LF	HITAG S 2048	ISO/IEC 11784 & 11785 & 14223
1011-01-260-00	D20x0.6mm	HF	ICODE SLIX	ISO/IEC 15693 & 18000-3
1011-01-263-00	D20x0.6mm	HF	NTAG213	ISO/IEC 14443A & 18000-3
1011-02-152-00	D25x0.6mm	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible
1011-02-104-00	D25x0.6mm	LF	HITAG 1	ISO/IEC 11784 & 11785
1011-02-105-00	D25x0.6mm	LF	HITAG 2	ISO/IEC 11784 & 11785
1011-02-244-00	D25x0.6mm	HF	MIFARE DESFire EV1	ISO/IEC 14443A & 18000-3
1011-02-245-00	D25x0.6mm	HF	MIFARE DESFire EV1	ISO/IEC 14443A & 18000-3
1011-02-246-00	D25x0.6mm	HF	MIFARE DESFire EV1	ISO/IEC 14443A & 18000-3
1011-03-152-00	D30x0.6mm	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible
1011-03-105-00	D30x0.6mm	LF	HITAG 2	ISO/IEC 11784 & 11785
1011-03-112-00	D30x0.6mm	LF	HITAG S 256	ISO/IEC 11784 & 11785 & 14223
1011-03-260-00	D30x0.6mm	HF	ICODE SLIX	ISO/IEC 15693 & 18000-3
1011-03-244-00	D30x0.6mm	HF	MIFARE DESFire EV1	ISO/IEC 14443A & 18000-3
1011-03-206-00	D30x0.6mm	HF	MIFARE Classic EV1 1K	ISO/IEC 14443A & 18000-3
1011-04-105-00	D35x0.6mm	LF	HITAG 2	ISO/IEC 11784 & 11785
1011-04-206-00	D35x0.6mm	HF	MIFARE Classic EV1 1K	ISO/IEC 14443A & 18000-3
1011-05-112-00	D50x0.6mm	LF	HITAG S 256	ISO/IEC 11784 & 11785 & 14223
1011-05-152-00	D50x0.6mm	LF	EM4200/Unique	ISO/IEC 11784/85 Compatible