Card specifications V1.01

Date : 29/11/2024

STid Reference CCTWR4X0_U

Designation ISO White card Bi-techno Desfire EV3 2K / EM4200
Frequency 14,5MHz+/-0,5MHz - 125KHz+/-5KHz

Linked variants (ex. magstripe) :

CCTWRxx1_U	+ HiCo
CCTWR410_U	EV3 4K + EM
CCTWR420_U	EV3 8K + EM

Reference chip(s)	*Model*	*Source (if aplicable)*
P1	4200	EM
P2	Desfire EV3 MF3D23 17pF	NXP

Reading Distance

Test reader(s)	LXSR11A	ARCR31A
Min reading distance(s) in mm * :	150	60

(*) Card must be parallel and centered with the reader
Without no-read zone inside the reading field
Measures must be done in a non perturbating environment

Mechanical characteristics

Material	PVC
Colour	White
Aspect	Glossy, without trace or scratch
IP	
IK	

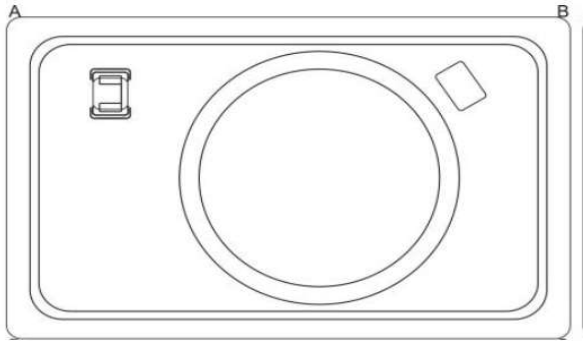
Dimensions	*Conformity with ISO7810*	
	mm	*Tolerance*
Length	85,60	+/- 0.13 mm
Width	54,00	+/- 0.05 mm
Thickness	0,82	+/- 0,04 mm
Bent	1,50	card thickness inclused
Diameter	-	

Bending	*Conformity with ISO7816*	
Cycle :	1000	Tests
Large side :	Deformation 2 cm	30 bending a minute
Short side :	Deformation 1 cm	30 bending a minute

Temperature	
Operating	-20°C / +50°C
Storage	-20°C / +50°C

Chip and antenna positioning

see supplier drawing



2002/95/EC Directive

RoHS Compliance

Printing

Good printing quality on both sides which must be fully printable with offset, thermo-transfert and dye sublimation printing with standard cards printers.

Packaging

Conditioning		
Type	White cardboard box	
Nber of piece by packaging	200	pcs
Pack (ex. shrink pack) of	50	pcs
Chip+antenna location label on each pack	O	

STID Label	Y
Stid Logo	Y
Stid Reference	Y
Batch nber / Traceability	Y
Quantity	Y
RoHS	Y



linked variants :
CCTWR410_U
CCTWR420_U

Quality Control

Incomming control according to NQA = 0,65

Product representation

n/a