

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 applicable)
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 perturbing environment

**Mechanical characteristics**

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

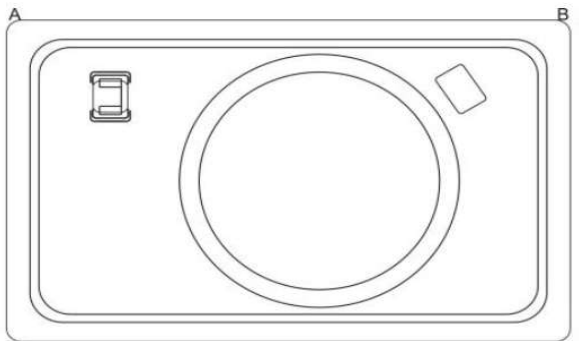
	Conformity with ISO7810	
	mm	Tolerance
Length	85,60	+/- 0.13 mm
Width	54,00	+/- 0.05 mm
Thickness	0,82	+/- 0,04 mm
Bent	1,50	card thickness included
Diameter	-	

	Conformity with ISO7816	
		Tests
Cycle :	1000	
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

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**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**

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*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	0	
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<i>STID Label</i>	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

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**Product representation**

n/a

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