



New Card Reader ICT3K7-3R6940

<Upgrade model of ICT3K5-3R6940>

Design Concept

- **Compatibility with ICT3K5-3R6940 .**
Externals, Installation, and F/W are common.
- **EMV Type Approval is change.**
Recognition of PBOC(People's Bank of China)
- **Magnetic tracks Readability improvement.**
 - 1.Change of Read method.
 2. Readability improvement of off-track error card
- **Correspondence strengthening to transparent card.**
- **Deletion of unnecessary connectors and addition of PWB cover.**

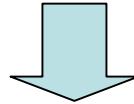
EMV Type Approval

EMV Specifications, Book 1, Version 4.0 of December 2000.

Approval Number : 11711 1203 400 20 FIM

IFM Identification : IFM0K0-0101 Version A

Current ICT3K5-3R6940



EMV Specifications, Book 1, Version 4.0 of December 2000.

Approval Number : 12445 0910 400 21 BCT

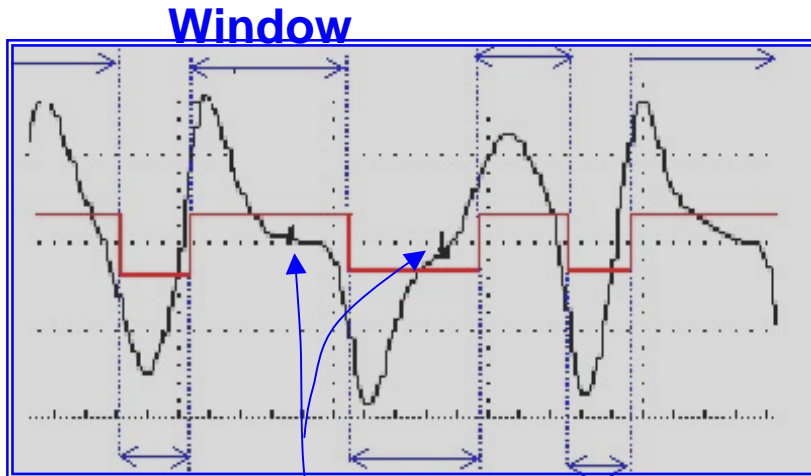
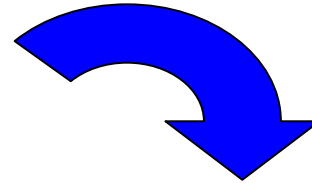
IFM Identification : IFM0K0-0500 Version A

Recognition test passing of PBOC

New ICT3K7-3R6940

Magnetic tracks Readability improvement

Current ICT3K5-3R6940
Peak detection method only



NEW ICT3K7-3R6940

Dual Read methods / 1Pass

Peak detection

&

“Window” reference

Filter out

Demagnetized card readability UP with 2 different reading methods

Magnetic tracks Readability improvement

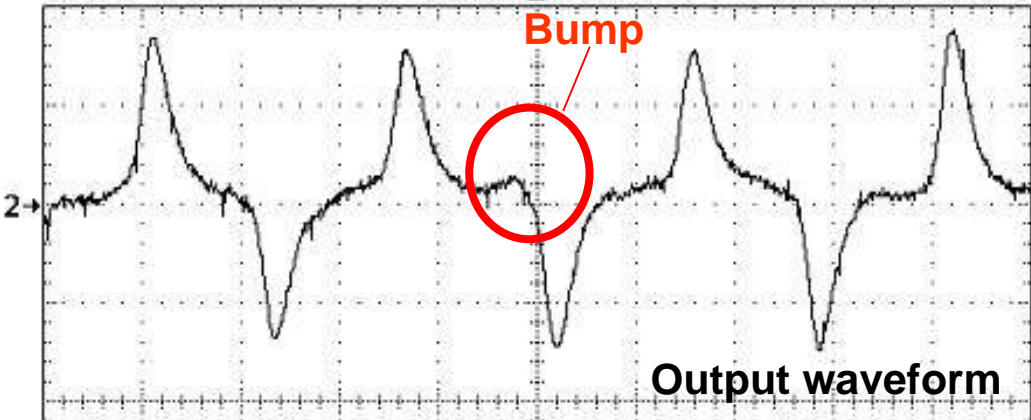
Comparison of Readability

1.Low output Card

Low output level	Current Model ICT3K5-3R6940			New Model ICT3K7-3R6940		
	Track 1	Track 2	Track 3	Track 1	Track 2	Track 3
3%	Fail	Fail	Fail	Fail	Fail	Fail
5%	Fail	Fail	Fail	Pass	Pass	Pass
10%	Pass	Pass or Fail	Pass	Pass	Pass	Pass
15%	Pass	Pass	Pass	Pass	Pass	Pass
20%	Pass	Pass	Pass	Pass	Pass	Pass

2. Bump Card

Bump Card Level	Current Model ICT3K5-3R6940			New Model ICT3K7-3R6940		
	Track 1	Track 2	Track 3	Track 1	Track 2	Track 3
5%	Pass	Pass	Pass	Pass	Pass	Pass
10%	Fail	Pass	Fail	Pass	Pass	Pass
20%	Fail	Fail	Fail	Pass	Pass	Pass
30%	Fail	Fail	Fail	Fail	Pass	Fail
40%	Fail	Fail	Fail	Fail	Fail	Fail



- Deletion of unnecessary connectors (*) and addition of PWB cover.

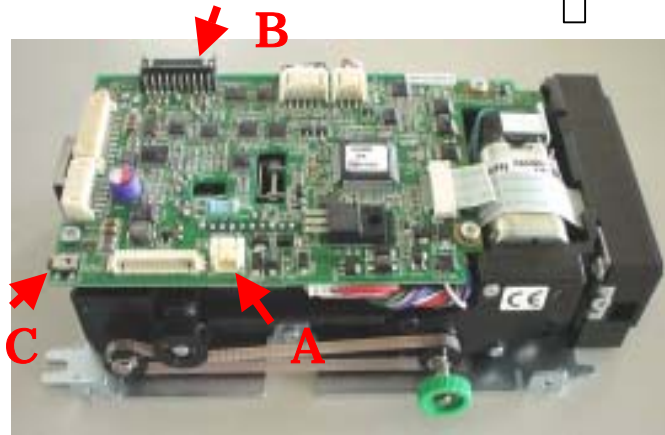
(*) Current ICT3K5-3R6940



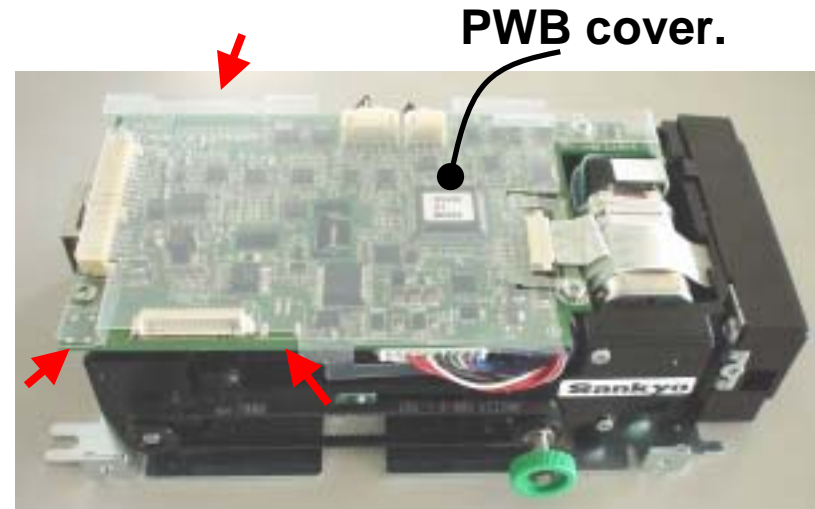
New Model: ICT3K7-3R6940

Connectors and switch, A, B and C have not been mounted on the current ICT3K5-3R6940.

- A: Capture Box Connector
- B: Extension Connector
- C: Hard Reset Switch



Older ICT3K5-3R6940



Sankyo
— All for dreams