Magnetic Ink Character Recognition E13B Font for Cheque Printing

ConnectCode MICR E13B

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1. WHAT IS MICR

1.1 MICR (Magnetic Ink Character Recognition)

MICR is a character recognition system that is widely used in the banking industry for cheque processing. It involves using a stylized font and magnetic ink to print characters in a document. When this document needs to be decoded, it passes through a special machine or equipment, which magnetizes the ink and then translates the magnetic information into characters. If required, the same information in the document can also be read optically through OCR. Over the years, MICR has been proven to be a secure and high performance mechanism for processing information.

The numbers typically found on the bottom of a cheque comprising of the cheque number, sort number and account number are usually printed in magnetic ink for use in MICR.

1.2 ConnectCode MICR E13B

ConnectCode MICR is a Magnetic Ink Character Recognition font based on the **E13-B** industry standard. This is a widely accepted standard in the US, Canada, Australia and many other countries. The character set of this standard comprise of ten numbers (0..9) and four special symbols(Amount, Domestic, BSB and Dash).

1.3 Standard Font

The following is the recommended ConnectCode MICR font to be used.

FONT FILE NAME - ConnectCodeMICR.ttf
FONT NAME - CCodeMICR
FONT SIZE – Fixed at 12 Points

NOTE : *The fonts in the trial are named CCodeMICRT instead of CCodeMICR, and the characters **2** and **7** have the equal sign (=) added before them.*

2. Character Mapping

FONT CHARACTER	MICR CHARACTER
0	
1	
2	
3	
4	
5	
6	
7	
8	
9	
a	
b	
c	
d	