



**Mastercard BIN '2'
EMV™ Test Card Set
Summary**

Version 3.00

March 2021

Powered by B2»

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Revision History

Version	Date	Updated By	Revisions
1.00	July 22, 2016	B2PS	Initial release - Card Set has 2 cards
1.10	August 29, 2016	B2PS	Duplex-print ready: Header, Margins, tables adjusted
1.20	November 1, 2018	B2PS	TC01, TC02 - corrected expiry dates Updated text with current logo and "Mastercard"
1.30	November 30, 2018	B2PS	TC01, TC02 - corrected AIDs in profile table
1.31	June 10, 2019	B2PS	Set renamed to "Mastercard BIN '2' EMV Test Card Set". No change to cards themselves.
2.00	September 14, 2020	B2PS	Both cards - updated cardstock support; where applicable, "MasterCard">"Mastercard"
3.00	March 29, 2021	B2PS	TC01 - change Expiry Date to 25/12

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CAUTION

Multiple consecutive incorrect PIN entry attempts may result in the card being blocked. This is known as being 'PIN Blocked'.

If this occurs, it will no longer be possible to enter an Offline PIN which will cause all future transactions to be declined.

***** It is not possible to unblock a 'PIN Blocked' card *****

Chapter 1 - Mastercard BIN '2' Test Card Set Profiles

This Mastercard BIN 2 Test Card Set contains 2 cards, each of which is from the following card brand:



	Test Card 01	Test Card 02
Brand	Mastercard	Mastercard
Type	Credit	Credit
Description.	222360 BIN	DI, 222360 BIN
IIN		
AID	A0000000041010	A0000000041010
PAN	222360 ***** 0329	222360 ***** 0203
Expiry Date	12/2025	12/2025
Service Code	201	201
Interface	Contact, MSR	Contact, Contactless, MSR
CVM	See card definition	See card definition
Approval Amount	\$20	\$20
Issuer Country Code	840 - USA	840 - USA
Application Currency Code	840 - USD	840 - USD
Language	'en' – English	'en' – English
Card Version	v7.x	v7.x

1.1 Test Card 01 – Mastercard, BIN '2', Credit, English, USA, USD

A Mastercard (BIN '2') credit card with BIN range '222360', Issuer Country Code of 'USA' and Currency Code of 'USD'.

The recommended transaction amount to generate a host approval is \$20.00.

1.1.1 Cardholder Verification Method List

Cardholder Verification Method List ('4201 4403 4103 5E03 1F03')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Unattended Cash	Next CVM
2	Offline Enciphered PIN	Terminal supports CVM type	Next CVM
3	Offline Plaintext PIN	Terminal supports CVM type	Next CVM
4	Signature (paper)	Terminal supports CVM type	Next CVM
5	No CVM required	Terminal supports CVM type	Fail

1.2 Test Card 02 – Mastercard, DI, BIN '2', Credit, English, USA, USD

A Dual Interface (Contact / Contactless) Mastercard credit card with BIN range '222360', Issuer Country Code of 'USA' and Currency Code of 'USD'.

The recommended transaction amount to generate a host approval is \$20.00.

1.2.1 Cardholder Verification Method List (Contact)

Cardholder Verification Method List ('4201 4403 4103 5E03 1F03')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Unattended Cash	Next CVM
2	Offline Enciphered PIN	Terminal supports CVM type	Next CVM
3	Offline Plaintext PIN	Terminal supports CVM type	Next CVM
4	Signature (paper)	Terminal supports CVM type	Next CVM
5	No CVM required	Terminal supports CVM type	Fail

1.2.2 Cardholder Verification Method List (Contactless)

Cardholder Verification Method List ('4203 5E03 1F03')			
CVM	Verification Method	Conditions	If unsuccessful
1	Online PIN	Terminal supports CVM type	Next CVM
2	Signature (paper)	Terminal supports CVM type	Next CVM
3	No CVM required	Terminal supports CVM type	Fail