



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

Version 2.00

September 2020

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" |

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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 | 12/2022 | 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 | v6.0 | v6.0 |

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 ('4201440341035E031F03') | | | |
|--|-----------------------|----------------------------|-----------------|
| CVM | Verification Method | Conditions | If unsuccessful |
| 1 | Online PIN | Unattended Cash | Next CVM |
| 2 | Offline 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

| Cardholder Verification Method List ('4201440341035E031F03') | | | |
|--|-----------------------|----------------------------|-----------------|
| CVM | Verification Method | Conditions | If unsuccessful |
| 1 | Online PIN | Unattended Cash | Next CVM |
| 2 | Offline 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 |