Embeddable MIFARE Classic and MIFARE DESFire Credentials

MIFARE Embeddable Card - 345 / 1436 / 1446

Encompasses the industry's broadest range of open standard contactless smart card products. Provides the memory structure and capacity to store multiple applications on a single credential. All MIFARE Classic cards can be ordered with or without SIO encoding.

Use of a 1430, 1440, 1436, or 1446 for SIO encoding using the CP1000 will consume a chargeable credit.

Ensure each required option has been checked with the appropriate choice to fulfill a completed order form.

MIFARE Classic cards <u>with</u> SIO encoding (Recommended)

☐ 3450 (1K) Composite 40% Polyester / PVC*

☐ 3456 (4K) Composite Polyester 40% / PVC*

Programming* (select one option)

☐ **P** - Programmed with Security Identity Object (SIO) for MIFARE Classic

☐ **V** - Unprogrammed Secure Identity object (SIO), for MIFARE Classic, for use with iCLASS SE Encoder.

* A marker is placed in sector 6 and will not be available for other data

OR

MIFARE Classic Cards <u>without</u> SIO encoding

☐ 1436 (1K) Composite 40% Polyester / PVC*

☐ 1446 (4K) Composite Polyester 40% / PVC*

Programming (select one option)

☐ **M** - Programmed HID MIFARE6 access control application

☐ **N** - Unprogrammed MIFARE Classic for use with iCLASS SE Encoder (custom or HID)

☐ **S** - Custom programmed MIFARE Classic, requires custom part number

Front Packaging (select one option)

If Custom Artwork is desired, specify Custom Artwork Number below[1]

☒ **E** - Contact Module Embeddable Plain Gloss White Finish

Back Packaging (select one option)

☐ **G** - Plain White with Gloss Finish[2]

☐ **1** - Plain White with Gloss Finish with Magnetic Stripe[2]

☐ **C** - Custom Artwork with Gloss Finish – Specify Custom Artwork Number[1,2]

☐ **3** - Custom Artwork with Gloss Finish with Magnetic Stripe Specify Custom Artwork Number[1,2]

Card Numbering[3] (select one option)

☐ **Z** - Reversed UID (CSN) Decimal card numbering only (Laser Engraved)[4]

☐ **N** - No External Card Numbering

☐ **A** - Sequential Matching Internal/External (Laser Engraved)[4]

☐ **B** - Sequential Internal/Sequential Non-Matching External (Laser Engraved)[4]

☐ **C** - Random Internal/Non-Matching Sequential External (Laser Engraved)[4]
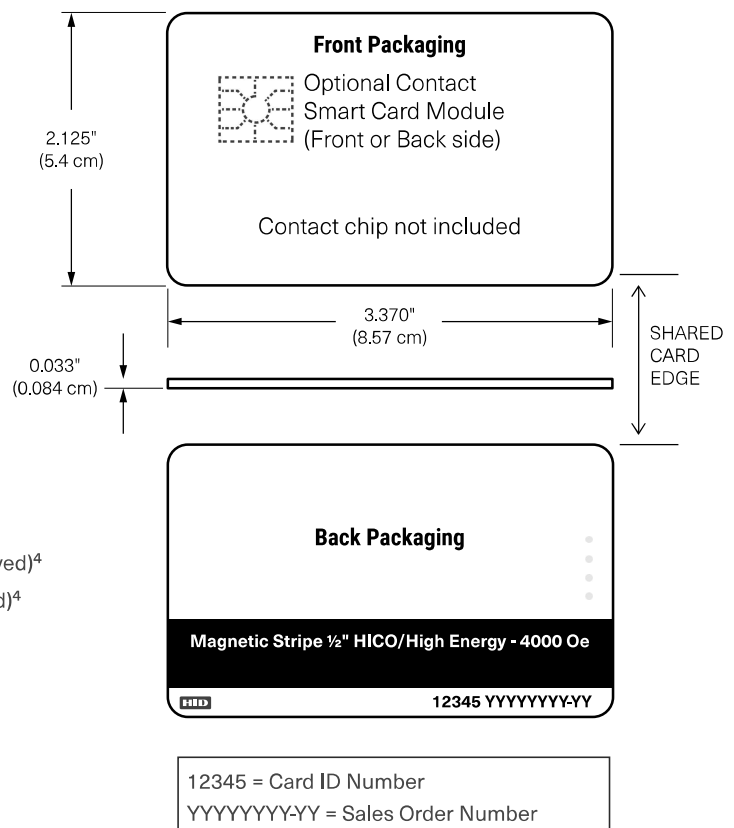
Slot Punch[5] (select one option)

☐ **N** - No Slot Punch (Printed location of vertical slot punch will remain)

☐ **V** - Vertical Slot Punch

Front Packaging

Optional Contact
Smart Card Module
(Front or Back side)

Contact chip not included

2.125"
(5.4 cm)

3.370"
(8.57 cm)

0.033"
(0.084 cm)

SHARED
CARD
EDGE

Back Packaging

Magnetic Stripe ½" HICO/High Energy - 4000 Oe

HID   12345 YYYYYYYY-YY

12345 = Card ID Number
YYYYYYYY-YY = Sales Order Number

Option - Custom Artwork[1]

☐ _____ (Specify Artwork Number - Refer to the Custom Artwork Forms for new Artwork)

Enter your final card options from check boxes above. Example: 1430NEGNN

Final Part Number			E					–	(Options #)

13.56 MHz Card Programming Information

Format Number (e.g. H10301)	Field Name(s) e.g. Facility Code	Value	QTY	Encoded Start Number	Encoded Stop Number
Bit Numbers (e.g. 26 bit)				Printed Start Number	Printed Stop Number

Special Instructions:	

For Contact Smart Chip selection, contact your Regional Sales Representative. Standard configuration does not include a contact smart chip module.

[1] For new artwork files, contact Customer Service for custom artwork number, lead times, and cost.

[2] Cards ordered with plain white front and back packaging, with no HID artwork or with custom artwork, will still have a small HID logo **HID** and reference number printed in the lower left-hand corner and a slot punch target printed on the back of the card.

[3] The external card number is placed in the bottom right-hand corner on the back of the card on Prox Format Programming only. Permanent Unique MIFARE 32 Bit serial # cannot be printed on cards.

[4] When printed, by default the number is encoded MSB (most significant byte) -> LSB (least significant byte).

[5] Cards are provided with an optional slot punch at no additional charge. Some video imaging printers cannot accommodate pre-slot punched cards. Consult with the printer manufacturer prior to ordering.

[6] Includes a permanent Unique MIFARE 32 Bit Serial number.

* The composite construction is recommended for all cards with over-laminate applied.