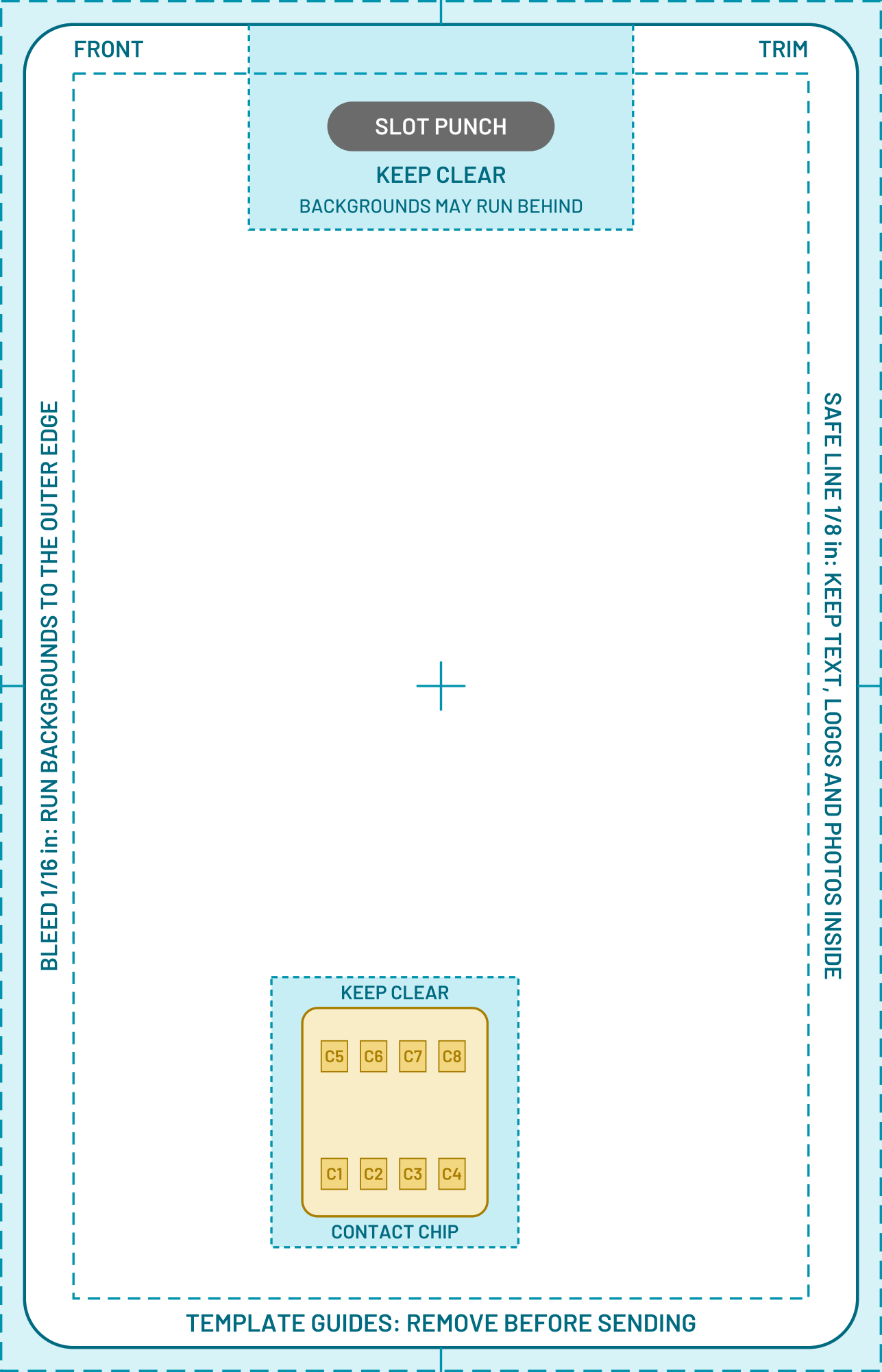

FRONT
TRIM
SLOT PUNCH
KEEP CLEAR
BACKGROUNDS MAY RUN BEHIND
BLEED 1/16 in: RUN BACKGROUNDS TO THE OUTER EDGE
SAFE LINE 1/8 in: KEEP TEXT, LOGOS AND PHOTOS INSIDE
KEEP CLEAR
C5
C6
C7
C8
C1
C2
C3
C4
CONTACT CHIP
TEMPLATE GUIDES: REMOVE BEFORE SENDING

BACK

TRIM

SLOT PUNCH

KEEP CLEAR

BACKGROUNDS MAY RUN BEHIND

BLEED 1/16 in: RUN BACKGROUNDS TO THE OUTER EDGE

SAFE LINE 1/8 in: KEEP TEXT, LOGOS AND PHOTOS INSIDE

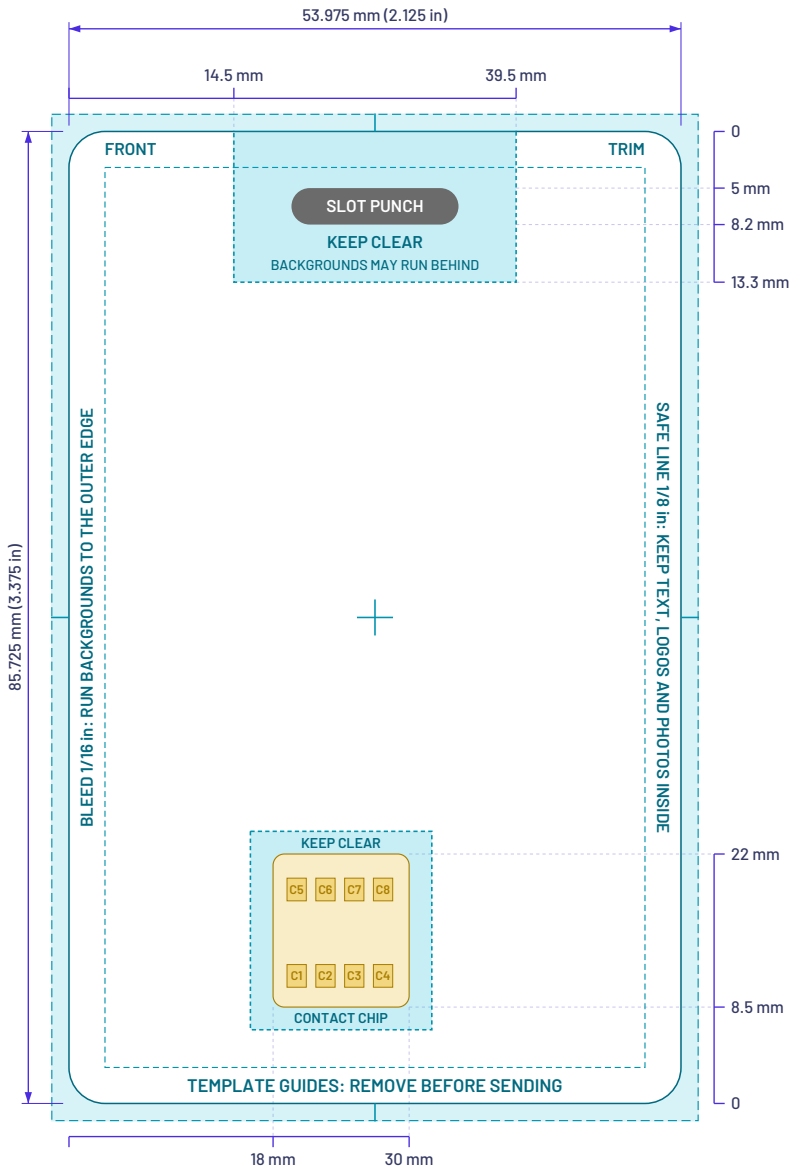
CHIP IS ON
THE FRONT

TEMPLATE GUIDES: REMOVE BEFORE SENDING

CR80 ID card template: portrait, slot punch, exposed contact chip

Print this page at 100% ("Actual size"), not "Fit to page", then check the rulers. Pages 1 and 2 are the front and back templates.

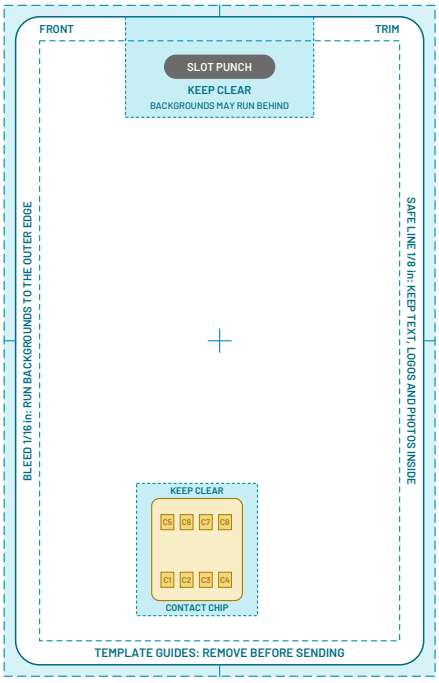
Card stock: Our exposed contact chip card (Atmel CryptoMemory), with the slot punched.



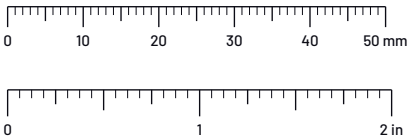
ENLARGED 1.5:1 · THE FRONT

ACROSS: MM FROM LEFT EDGE · DOWN: MM FROM TOP · CHIP: UP FROM BOTTOM

ACTUAL SIZE: LAY A REAL CARD HERE



CHECK THE PRINT SCALE



If a ruler doesn't measure exactly 50 mm or 2 in, the page was scaled: print it again at 100% (Actual size).

LATEST VERSION

Scan or visit instantcard.net/card-layout-and-artwork/ for the latest templates and numbers.

KEY NUMBERS (PX AT 300 DPI)

Card (trim)	2.125 x 3.375 in · 53.975 x 85.725 mm · 638 x 1013 px
With bleed	2.25 x 3.5 in · 57.15 x 88.9 mm · 675 x 1050 px
Bleed, each side	1/16 in · 1.5875 mm · 18.75 px
Safe margin	1/8 in · 3.175 mm · 38 px (our studio's minimum: 20 px, 1.7 mm)
Corner radius	1/8 in · 3.175 mm (ISO allows 2.88 to 3.48 mm)
Thickness	0.030 in (30 mil) · 0.76 mm (ISO allows 0.68 to 0.84 mm)
Slot hole	14.7 x 3.2 mm, pill-shaped, centered, 5 mm from the top edge
Slot keep-out	0.98 x 0.53 in · 24.9 x 13.3 mm · 294 x 157 px, from the top edge, 14.5 to 39.5 mm from the left
Chip module	18 to 30 mm from the left, 8.5 to 22 mm up from the bottom
ISO contacts	19.23 to 28.55 mm from the left, 10.25 to 19.87 mm up from the bottom (ISO/IEC 7816-2)
Chip keep-out	the module plus 2 mm: 16 to 32 mm from the left, 6.5 to 24 mm up from the bottom

THE RULES

1. Run background art to the bleed edge, 1/16 in (1.6 mm) past the card edge on every side.
2. Keep text, logos, photos, barcodes and QR codes inside the safe line, 1/8 in (3.2 mm) from the edge.
3. Keep the slot punch zone clear (0.98 x 0.53 in at the top center). Backgrounds may run behind the hole.
4. Keep artwork off the gold contacts, and keep content 2 mm clear of the chip module, which sits near the bottom of a portrait card.
5. Page 2 is the back: the front turned over left to right. The chip is on the front only; its outline on the back is for information.
6. Send RGB artwork at 300 dpi, 675 x 1050 px with bleed. Hide or delete the guide layers first.

Sources: ISO/IEC 7810:2019 (size, corners, thickness); ISO/IEC 7816-2:2007 (contact positions); NIST FIPS 201-3, Figure 4-1 (chip at the bottom of a portrait card); InstantCard production data (bleed, pixel sizes, slot punch, margins). Version 1.0.0, reviewed 2026-11-09 by InstantCard production team.
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