

Phone Case / First-Layer QR Guide

DAT-0025 / REV A / 2026.06.07

The guide records 0.6 mm concept depths, the bottom-surface inspection workflow, separate imported QR geometry, and the need for a physical scan test. It is intentionally not presented as a complete slicer profile or a guaranteed readable result.

STATUS	UNDER TEST
CLASSIFICATION	DAT
MATERIAL	TPU / QR / FIRST LAYER
DISPOSITION	DESIGN GUIDE / SCAN PENDING

TECHNICAL NOTES

Design and manufacturability notes for putting lettering and QR geometry into the build-plate side of a case.

SPECIFICATION

RAISED DETAIL	0.6 mm concept
RECESSED CODE	0.6 mm concept
LAYER GUIDANCE	0.16 mm or larger
VALIDATION	Physical scan

DEVELOPMENT HISTORY

2026.06.07 / Rev A

Separated design guidance from slicer values and added the physical scan requirement.

RELEASED MATERIAL / SOURCE LINKS

DAT-0025_qr-case-first-layer.txt

GUIDE / 2 KB

https://u225x.com/downloads/DAT-0025_qr-case-first-layer.txt

CONNECTED RECORDS

OBJ-0071

<https://u225x.com/record/OBJ-0071>

DAT-0022

<https://u225x.com/record/DAT-0022>

RETURN TO THE LIVING RECORD

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This PDF preserves the public notes at this revision. Visit the record for updates and attached images.

<https://u225x.com/record/DAT-0025>