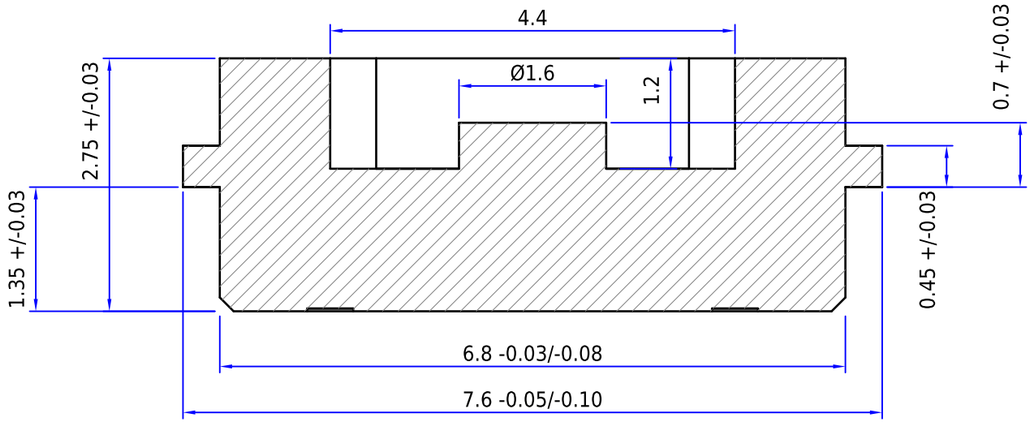
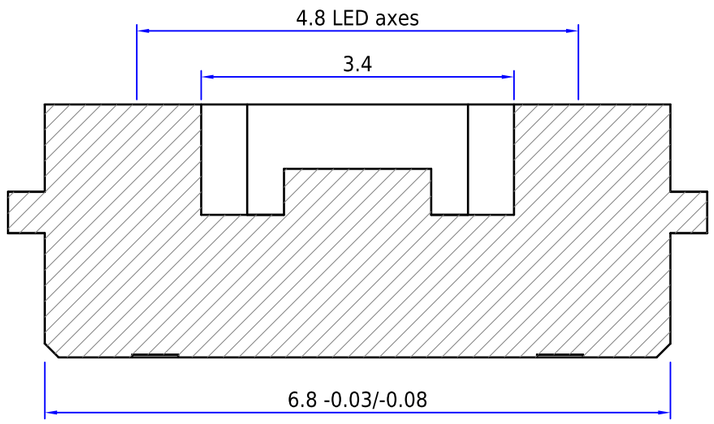
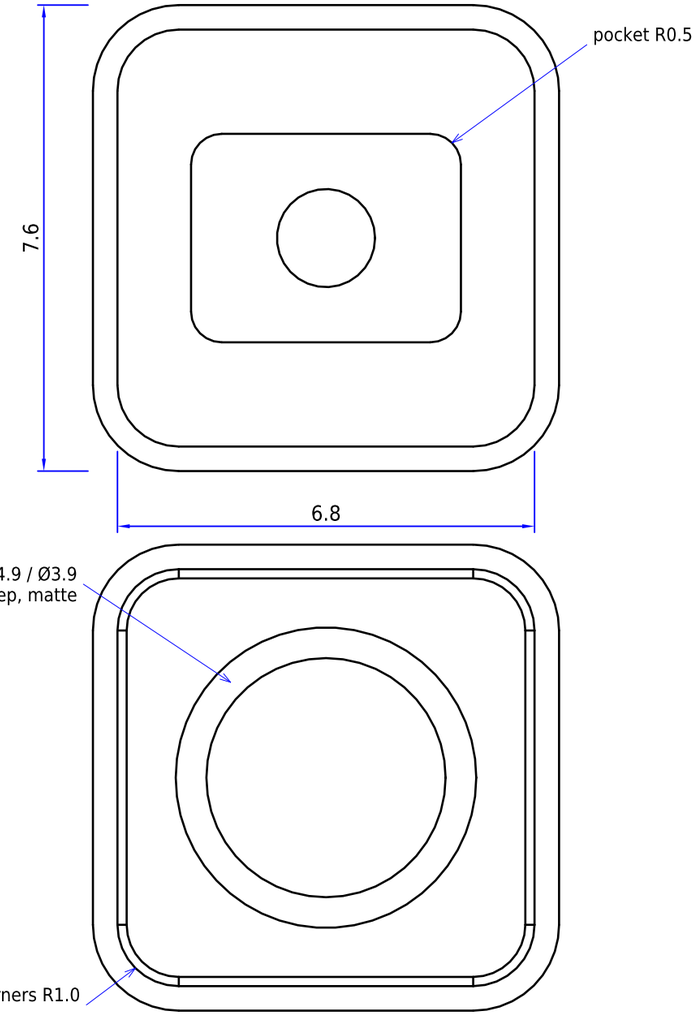
SECTION X (plane Y = 0, seen from -Y, 15:1)



SECTION Y (plane X = 0, seen from -X, 15:1)



TOP VIEW (from +Z, light input face, 10:1)



BOTTOM VIEW (from -Z, outer face, 10:1)

ID	FEATURE	SPECIFICATION	TOLERANCE / NOTE
1	Material	clear cast PMMA (cast acrylic, colourless, not extruded), CNC from sheet or bar	
2	Outer face	6.8 x 6.8, corners R1.0, flat; frosted ring Ø4.4 mean, 0.5 wide; edge C0.15 polished	-0.03/-0.08 (opening 7.0 x 7.0)
3	Flange	7.6 x 7.6 x 0.45, sits on the floor of the tray; the key is held between the floor and the switch	thickness +/-0.03 outline -0.05/-0.10
4	Pocket + nub	pocket 4.4 x 3.4, 1.2 deep round the switch body; nub Ø1.6 x 0.5 presses the switch	nub top flat 0.02
5	Light path	the two ring LEDs (Y +/- 2.4) shine into the top face, 0.6 above it at rest; the light leaves through the frosted ring	
6	Finish	vapour or flame polish on every face (top face and outer face optically clear, no tool marks); the ring only frosted (laser-etched or blasted through a mask)	clear Ra <= 0.05 ring Ra 1.6-3.2
7	Quantity	1 per light, plus 1 spare	

NOTES
1 Geometry per FlashKa_key_main.step (in the STEP the key sits in the housing frame at X 25.65; here it is centred on its axis). General tolerances ISO 2768-fH.
2 Free play nub -> switch 0.15 mm at rest, LED gap at full travel 0.2 mm: keep the height 2.75 +/-0.03 and the flange-to-nub length 0.7 +/-0.03.
3 Clean with water and a mild soap only: solvents and alcohol craze PMMA.
4 No paint, no marking. The frosted ring is the only diffuse area.
5 JLCCNC takes plastic parts from 30 x 20 x 8 mm only: order three keys (1 + 2 spares) as one machining kit, FlashKa_pmma_kit.step (drawing FK-H-06). This single file is for shops that take small parts.

MAIN KEY - CLEAR PMMA (1x)

Part: FK-H-03 FlashKa_key_main.step	SCALE 10:1, sections 15:1 SHEET 1/1
FlashKa Keychain v0.7 2026-10-23	Units mm | ISO 2768-fH