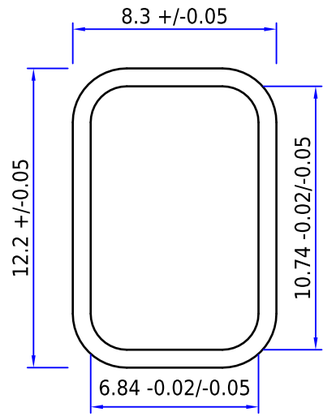
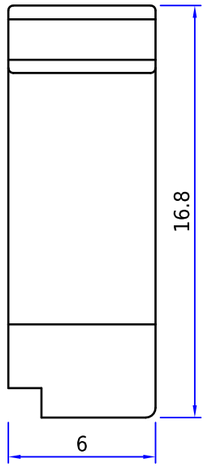
(a) LID RF WINDOW INSERT - top (textured face), 4:1



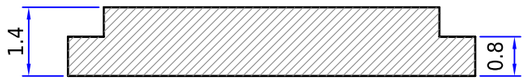
(b) ANTENNA SPACER - top, 4:1



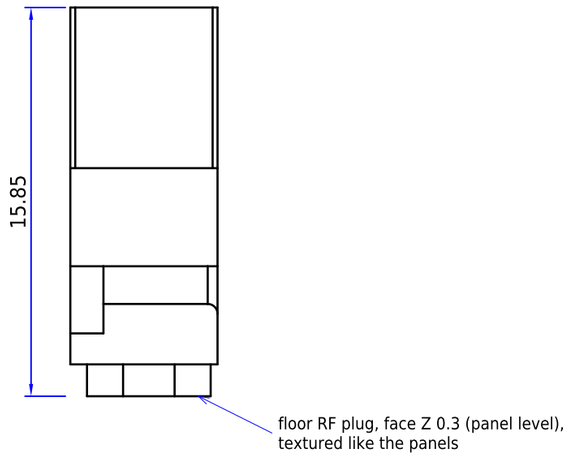
ID	PART	SPECIFICATION	TOLERANCE / NOTE
-	Material	POM-C (acetal copolymer), black, CNC; all three parts	
a	Lid RF window insert FlashKa_rf_window.step	plug 6.84 x 10.74 R1.47 in the lid opening (0.03 per side: it locates), face 0.3 below the lid top, textured; flange 8.30 x 12.20 x 0.8 in the pocket (0.10 per side, free: it carries the kit tabs)	plug -0.02/-0.05, flange +/-0.05 (free); flat 0.05
b	Antenna spacer FlashKa_antenna_spacer.step	between the board and the cell; plug 5.04 x 10.74 fills the floor RF window flush with the panel floor (textured); cell-wire rebate on the -Y side (open to the top); the antenna sits in the U; the +Y wall ends 0.15 under the insert flange	plug -0.02/-0.05
c	Laser sleeve (option) FlashKa_laser_sleeve.step	Ø6.0 / Ø4.6 x 10.0, slit 0.8: only for a laser module thinner than Ø6.0	
-	Texture (a, b)	90 deg V grooves 0.2 deep, pitch 0.9, at 45 deg on the housing grid	depth +/-0.03
-	Quantity	1 of a and b per light; c only when needed	

NOTES
1 Geometry per the three STEP files (housing frame); the views here are moved to their own origins.
2 General tolerances ISO 2768-mK; break edges 0.1; no burrs on the textured faces.
3 POM does not bond well: the lid insert is held by its flange and the antenna spacer below it; for service a dot of cyanoacrylate with a polyolefin primer is enough.
4 JLCCNC takes plastic parts from 30 x 20 x 8 mm only: order a and b plus a spare a as one machining kit, FlashKa_pom_kit.step (drawing FK-H-07). These single files are for shops that take small parts. There is no spacer ring (v0.6): the TIR optic stands on the LED board.

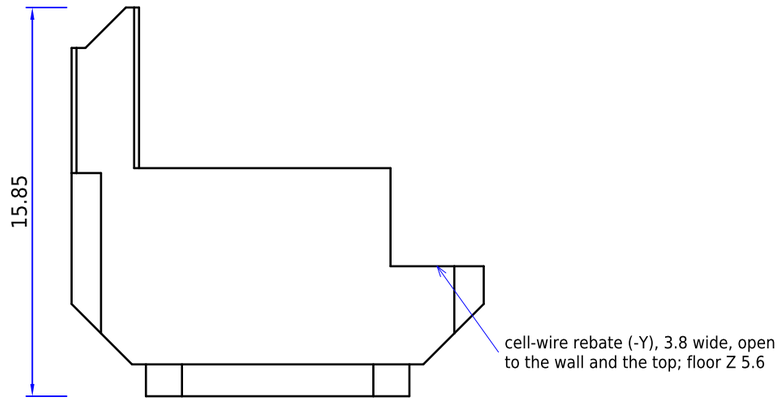
(a) section Y = 0, 8:1

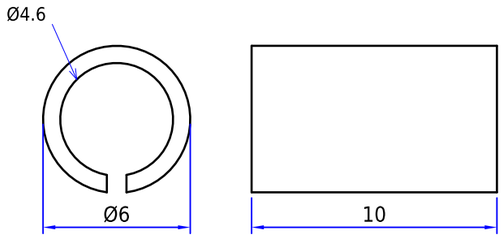


(b) from -Y



(b) from the front (-X)





(c) LASER SLEEVE (option), 4:1

POM-C PARTS (black)	
Part: FK-H-05 FlashKa_rf_window.step, FlashKa_antenna_spacer.step, FlashKa_laser_sleeve.step	SCALE 4:1 (a: section 8:1) SHEET 1/1
FlashKa Keychain v0.7 2026-10-23	Units mm | ISO 2768-mK