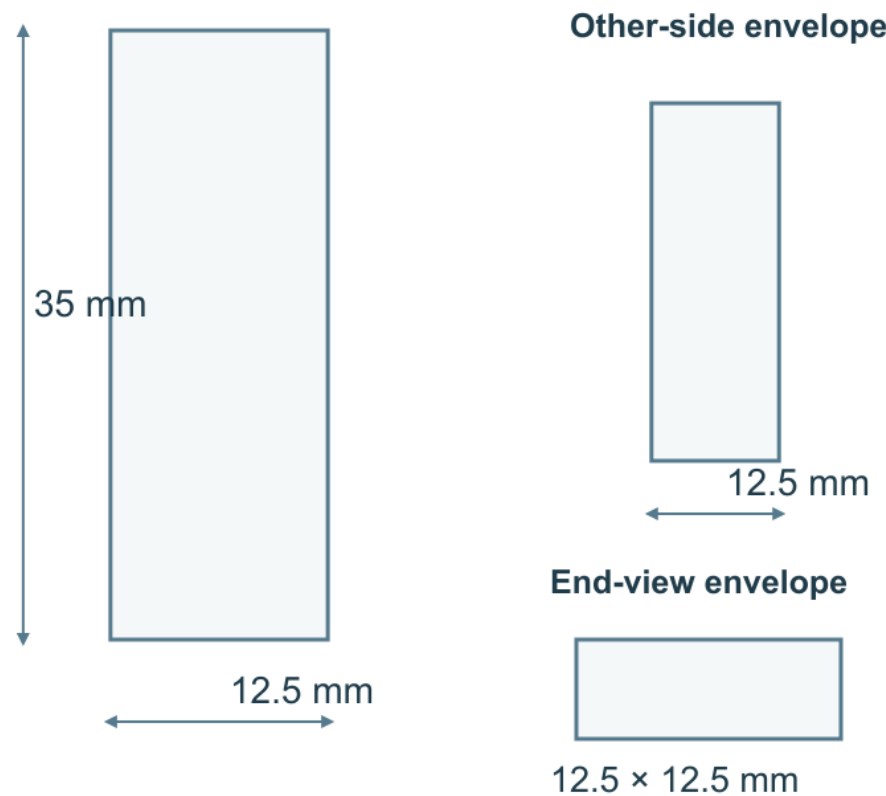


Engineering dimension reference R01

Dimensions in mm unless stated. For discussing configuration and missing inputs; not for manufacturing release.

Body envelope reference

Known body dimensions only. Internal structure, necks, caps and projecting tubes are omitted.



Independent envelope views, not at one common scale. Only evidenced external dimensions are shown.

Details still needed

- Full window dimensions and mating tolerances
- Flow, pressure and leak-check conditions
- External sample consumption and cleaning conditions

Material / transmission faces

JGS1 quartz / two faces

Nominal path length / capacity

10 mm / 32 µL

Centre height (Z height)

8.5 mm

Body footprint / body height

12.5 × 12.5 mm / 35 mm

Fixed overall height, including tubes

45 mm

Both connection tubes, OD / ID

3 mm / 1 mm

Source optical-area aperture

2 mm

Revision and scope

R01 · MQQFC095 · Source parameter revision 1. Source annotations checked; not a measured inspection drawing. Tolerances, hidden geometry and unconfirmed conditions are not inferred.