

8  
900-80027730

| 7                  | 6                           |                   |           | 5             |                |              | 4                                                     | 3        |        |        |    | 2       |       |          |         | 1                                                                               |        |               |
|--------------------|-----------------------------|-------------------|-----------|---------------|----------------|--------------|-------------------------------------------------------|----------|--------|--------|----|---------|-------|----------|---------|---------------------------------------------------------------------------------|--------|---------------|
| VWR Catalog Number | Description                 | Sample Volume, ML | Unit      | Cover Type    | Pathlength, mm | Transmission | Material                                              | A        | B      | C      | D  | E       | F     | G        | H       |  | J      | Sides Color   |
| 414004-076         | Micro,Black Sides, Flat lid | 0.3               | Pack of 1 | Flat PTFE LID | 10             | 200>80       | ES Quartz Glass<br>JGS1; Quartz Glass<br>ZAB10(black) | 12.5±0.1 | 10±0.1 | 25±0.3 | 30 | 6.9±0.1 | 2±0.2 | 12.5±0.1 | 10±0.05 | 1.25±0.05                                                                       | 23±0.2 | 2 Black Sides |
| 414004-053         |                             | 0.7               | Pack of 1 | Flat PTFE LID | 10             | 200>80       |                                                       | 12.5±0.1 | 10±0.1 | 45±0.3 | 30 | 6.9±0.1 | 2±0.2 | 12.5±0.1 | 10±0.05 | 1.25±0.05                                                                       | 43±0.2 |               |
| 414004-070         |                             | 0.7               | Pack of 2 | Flat PTFE LID | 10             | 200>80       |                                                       | 12.5±0.1 | 10±0.1 | 45±0.3 | 30 | 6.9±0.1 | 2±0.2 | 12.5±0.1 | 10±0.05 | 1.25±0.05                                                                       | 43±0.2 |               |
| 414004-069         |                             | 1.4               | Pack of 2 | Flat PTFE LID | 10             | 200>80       |                                                       | 12.5±0.1 | 10±0.1 | 45±0.3 | 30 | 6.9±0.1 | 4±0.2 | 12.5±0.1 | 10±0.05 | 1.25±0.05                                                                       | 43±0.2 |               |

Light Channel  $\nabla^{0.025}$  Other  $\nabla^{3.2}$

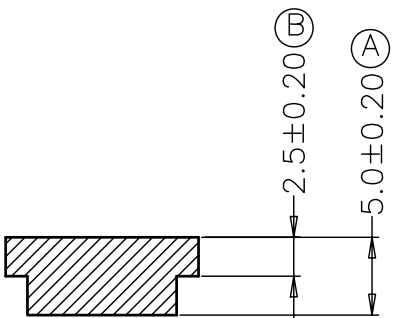
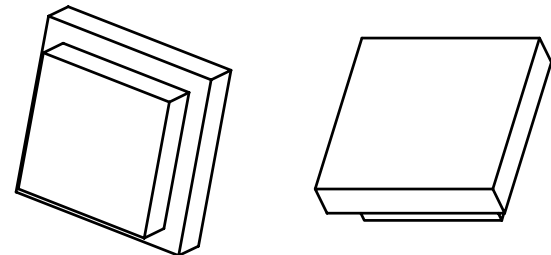
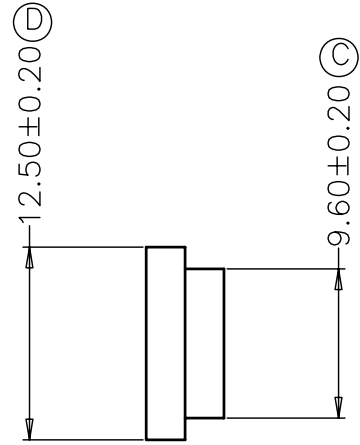
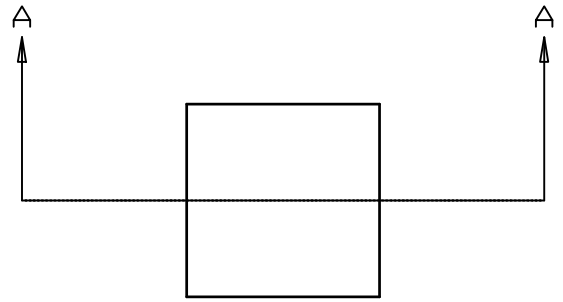
Notes:

1. Product data: See table attached
2. Product standard: Q/320282AAE001-2005
3. Matched cells fall within the accepted path length standard of  $\pm 0.01$  mm. Cells exhibit a transmission tolerance within 0.5% at 200 nm
4. Label: comply with VWR label guideline-issued separately
5. Carton box: comply with VWR packing requirements-issued separately
6. Major defects: AQL 1.0 per General Inspection Plan Lever II, single sampling (ANSI/ASQC Z1.4-1993)
  - a. Box is damaged, punctured and not usable
  - b. Quartz cuvettes appear dirty or damaged
  - c. Label or printing on label missing, illegible or incorrect
  - d. Transmission, volume and path length doesn't meet spec
  - e. Dimension is out of tolerance
7. First Article Report required on new product
8. Supplier is required to inform VWR and obtain approval before any changes to materials or source, process change or manufacturing location change
9. Must be manufactured at supplier's premises condition and not from 3rd party

| Item | Qty | Mat'l              | P/N & REV     | Mat'l Color  |
|------|-----|--------------------|---------------|--------------|
| 1    | 1   | Quartz Glass ZAB10 |               | Black        |
| 2    | 1   | Quartz Glass ZAB10 |               | Black        |
| 3    | 1   | PTFE CAP           | PC2007-002 A0 | White        |
| 4    | 1   | Quartz Glass JGS1  |               | Translucence |
| 5    | 1   | Quartz Glass JGS1  |               | Transparent  |
| 6    | 1   | Quartz Glass ZAB10 |               | Black        |

|           |                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |      |                                                                                       |                                                                                                                                                                                                                                                                    |       |            |     |
|-----------|------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|-----|
| $\Delta$  | Changed the tolerance of I from '+' into '±'.                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | D 1  | Johnny.M                                                                              | Aug 16, 09                                                                                                                                                                                                                                                         | Jim.K | Aug 16, 09 | A 1 |
| $\Delta$  | Added dimension line "G" and "H" for 414004-053,069,070 and 076. |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | A 8  | Johnny.M                                                                              | Jul 28, 09                                                                                                                                                                                                                                                         | Jim.K | Jul 28, 09 |     |
| MARK      | REV DESCRIPTION                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | ZONE | EDITED                                                                                | DATE                                                                                                                                                                                                                                                               | APPD  | DATE       | REV |
| APPROVALS | BY                                                               | DATE      | THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION OF VWR INTERNATIONAL,LLC. DELIVERED IN RELIANCE THAT SUCH INFORMATION WILL NOT BE MADE AVAILABLE TO ANY THIRD PARTY OR USED BY THE RECIPIENT WITHOUT THE EXPRESS WRITTEN CONSENT OF VWR INTERNATIONAL,LLC<br><br>UNLESS OTHERWISE SPECIFIED TOLERANCES AS FOLLOWS<br>DIMENSIONS<br>X ± 0.5<br>XX ± 0.25<br>XXX ± 0.125<br>ANGLES<br>X ± 1°<br>XX ± 0.5°<br>- DIMENSIONS ARE IN MM UNLESS SPECIFIED OTHERWISE TO BE IN INCH<br>- SURFACE FINISHNESS TO BE V <sub>12</sub><br>- DIMENSIONS CHANGE Δ<br>- WORKMANSHIP SHALL BE THE BEST COMMERCIAL QUALITY |  |      |  | DESCRIPTION:<br>VWR SPECTROSIL SPECTROPHOTOMETER<br>FAR UV QUARTZ CELL<br><br>VWR P/N<br>CELL2008-006<br>REV. A1<br>SIZE: A3<br><br>REFERENCE DRAWING NO.<br>UVC2007-011<br>SCALE: N/A<br><br>MATERIAL:<br>SEE ABOVE TABLE<br>WEIGHT:<br>N/A KG<br>SHEET<br>1 OF 1 |       |            |     |
| DRAWN     |                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |      |                                                                                       |                                                                                                                                                                                                                                                                    |       |            |     |
| DESIGN    |                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |      |                                                                                       |                                                                                                                                                                                                                                                                    |       |            |     |
| MFG       |                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |      |                                                                                       |                                                                                                                                                                                                                                                                    |       |            |     |
| CHECKED   | Jeno.W                                                           | 29-Oct-08 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |      |                                                                                       |                                                                                                                                                                                                                                                                    |       |            |     |
| APPROVED  | Jim.K                                                            | 29-Oct-08 | FINISH: N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |      |                                                                                       |                                                                                                                                                                                                                                                                    |       |            |     |

PC2007-002



SECTION A-A

1. Material: PTFE, White.
2. CTQ (critical to quality) are: A, B, C and D
3. Major defects: AQL 1.0 per General Inspection Plan Level II, single sampling (ANSI/ASQC Z1.4-1993)
  - a. Cap appear dirty or damaged
  - b. Dimension is out of tolerance
4. First Article Report required on new product.
5. Supplier is required to inform VWR and obtain approval before any changes to materials or source, process change or manufacturing location change.
6. Must be manufactured at supplier's premises condition and not from 3rd party.

| MARK      | ECO NO. |           | REV DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ZONE | EDITED                                            | DATE | APPD | DATE | REV |
|-----------|---------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------|------|------|------|-----|
| APPROVALS | BY      | DATE      | THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETY INFORMATION AND MAY NOT BE COPIED OR REPRODUCED IN WHOLE OR IN PART NOR PUT IN CIRCULATIONS WITHOUT THE EXPRESS WRITTEN PERMISSION OF VWR INTERNATIONAL, LLC.<br><br>UNLESS OTHERWISE SPECIFIED TOLERANCES AS FOLLOWS<br>DECIMALS<br>X ± .03<br>XX ± .025<br>XXX ± .015<br>ANGLES X ± 1°<br>XX ± .2°<br>- DIMENSIONS ARE IN IN UNLESS SPECIFIED OTHERWISE<br>- SURFACES UNLESS NOTED TO BE OTHERWISE<br>- DIMENSIONS CHANGE Δ<br>- WORKMANSHIP SHALL BE THE BEST COMMERCIAL QUALITY |      | DESCRIPTION:<br><br>PTFE CAP                      |      |      |      |     |
| DRAWN     |         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      | VWR P/N PC2007-002 REV. A0 SIZE: A3               |      |      |      |     |
| DESIGN    |         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      | REFERENCE DRAWING NO. PC2007-002 SCALE: 3.000     |      |      |      |     |
| MFG       |         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      | MATERIAL: PTFE, WHITE WEIGHT: N/A KG SHEET 1 OF 1 |      |      |      |     |
| CHECKED   | Jeno.W  | 06-Nov-07 | FINISH: N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                                                   |      |      |      |     |
| APPROVED  | Jim.K   | 06-Nov-07 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                                                   |      |      |      |     |